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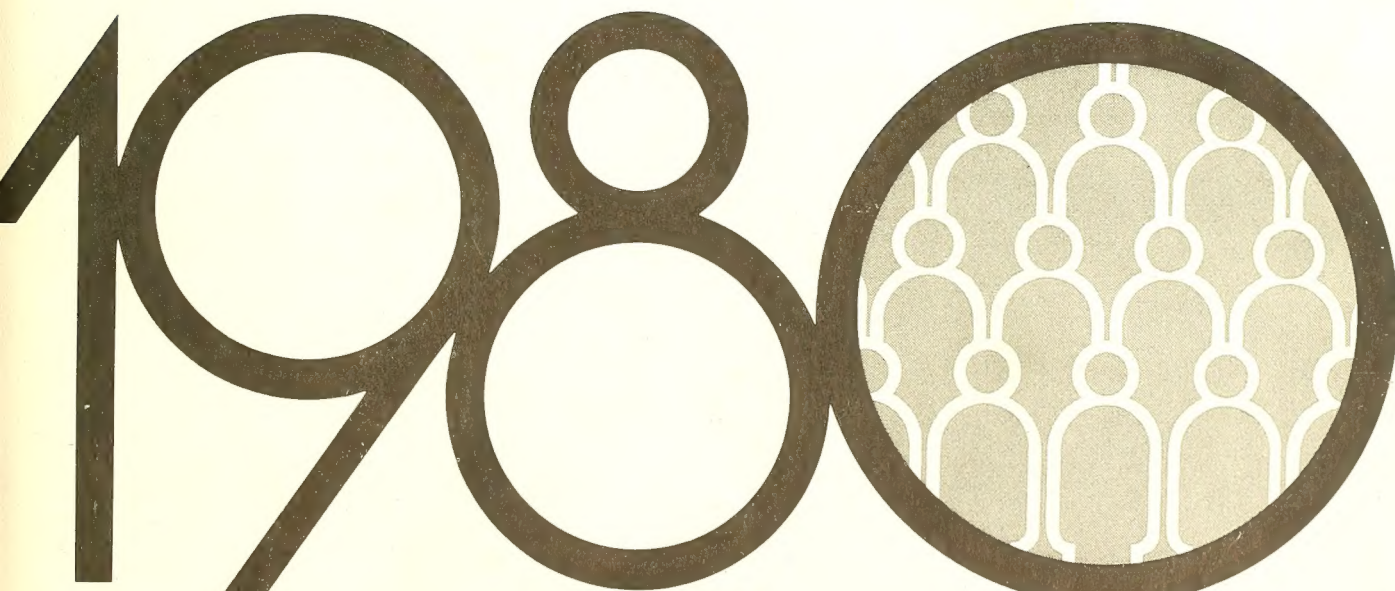
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**Detailed Occupation and
Years of School Completed by
Age, for the Civilian Labor
Force by Sex, Race, and
Spanish Origin: 1980**

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Years of School Completed by
Age, for the Civilian Labor
Force by Sex, Race, and
Spanish Origin: 1980

SUPPLEMENTARY REPORT

PC80-S1-8

Issued March 1983



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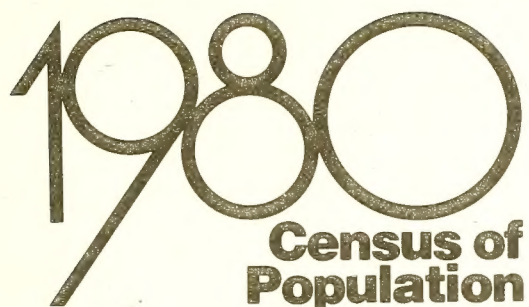
POPULATION DIVISION

Roger A. Herriot, Chief

Acknowledgments

This report was prepared by persons in the Labor Force Statistics Branch of Population Division. **John A. Priebe** and **Delana F. Kametani** planned and coordinated the report, under the general supervision of **Thomas S. Scopp**, Chief, Labor Force Statistics Branch, under the direction of **Gordon W. Green**, Assistant Chief (Socio-economic Statistics Program). **Jerome Glynn** and **Marie Pees** of the Computer Applications and Processing Staff were responsible for the computer programming of the detailed tables.

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Detailed Occupation and Years of School Completed by Age, for the Civilian Labor Force by Sex, Race, and Spanish Origin: 1980

SUPPLEMENTARY REPORT

PC80-S1-8

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Introduction

BACKGROUND

This report presents data from the 1980 Census/Equal Employment Opportunity (EEO) Special File. The file was produced by the Bureau of the Census to help meet the needs of both government and private industry in planning EEO/Affirmative Action programs. Data from the 1980 Census of Population were used in preparing the file.

In 1978 the Census Bureau was contracted by a consortium of private companies to produce a set of special tabulations from the 1970 Census of Population that could be used for affirmative action program planning. Knowing that the demand would be even greater for these same types of data during the 1980's, the Census Bureau decided to produce the EEO Special File as a counterpart summary tape file using 1980 census data.

The following government agencies which are concerned with equal employment opportunity and civil rights issues contributed advice in establishing this file: the Equal Employment Opportunity Commission (EEOC); the Department of Labor, particularly the Office of Federal Contract Compliance Programs (OFCCP), the Employment and Training Administration (ETA), and the Office of Civil Rights; the Department of Justice; the Office of Personnel Management (OPM); and the Office of Federal Statistical Policy and Standards (OFSPS), which is now part of the Office of Management and Budget (OMB). The Census Bureau also received comments from companies in the private sector.

CONTENTS OF THE TABLES

The tables present data by sex, race, and Spanish/Hispanic origin. Tables 1 and 2 show detailed occupation data; tables 3 and 4 present education by age data. The data are limited to United States totals. Comparable data for each State, county, and standard metropolitan statistical area (SMSA), and for each city with a population of 50,000 or more, are available from the EEO File in the form of computer summary tapes and microfiche. For further information on obtaining data for such areas, please write to the Data User Services Division, Customer Services, Bureau of the Census, Washington, D.C. 20233, or call (301) 763-4100.

Census figures on the number of workers by occupation have generally been accepted as estimates for the number of workers who are "skilled." The number of "available skilled workers" is often needed for affirmative action plans or other EEO-related studies. The first two tables in this report address this need for work-experience data by furnishing counts of people in specific occupations.

Many entry-level jobs, apprenticeship programs, and other work situations, on the other hand, do not require a skill based on work experience (as measured by occupation) but instead require a certain level of educational attainment. Employers recruiting for such jobs or programs need to know the available pool of qualified potential applicants. The two tables for years of school completed by age of persons in the civilian labor force are designed to meet this need for data.

Summary Tape File 5 and the printed State reports, *Characteristics of the Population: Detailed Population Characteristics*, PC80-1-D, also will provide tables with other variables pertinent to affirmative action planning, such as income and earnings, veteran status, and occupation by industry.

ACCURACY OF THE DATA

All the data shown in this report are based on the 1980 census sample. The data are estimates of the actual figures that would have resulted from a complete count. Estimates can be expected to vary from the complete-count results, because they are subject to two basic types of error—sampling and nonsampling. The sampling error in the data arises from the selection of persons and housing units to be included in the sample. The nonsampling error, which affects both sample and complete-count data, is the result of all other errors that may occur during the collection and processing phases of the census. A more detailed discussion of both sampling and nonsampling error, a description of the estimation procedure, and the method of calculating sampling errors are provided in the technical documentation for the EEO Special File. (Contact Data User Services Division, Customer Services, Bureau of the Census, Washington, D.C. 20233 or call (301) 763-4100.) A similar detailed description of the accuracy of the data is contained in the Supplementary Report, *Advance Estimates of Social, Economic, and Housing Characteristics*, PHC80-S2.

Definitions and Explanations

REFERENCE WEEK

The data on labor force status relate to the calendar week preceding the week in which the respondents completed their questionnaires or were interviewed by enumerators. The reference week is not the same for all respondents because not all persons were enumerated during the same week. Since Census Day was April 1, 1980, the reference week for many respondents was the last week of March 1980.

LABOR FORCE STATUS

Civilian Labor Force—The civilian labor force consists of persons classified as employed or unemployed according to the following criteria:

Employed—Employed persons include all civilians 16 years old and over who were either (a) "at work"—those who did any work at all during the reference week as paid employees or in their own business, profession, or farm, or who worked 15 hours or more as unpaid workers on a family farm or in a family business; or (b) "with a job but not at work"—those who did not work during the reference week but had jobs or businesses from which they were temporarily absent due to illness, bad weather, industrial dispute, vacation, or other personal reasons. Excluded from the employed are persons whose only activity consisted of work around the house or volunteer work for religious, charitable, and similar organizations.

Unemployed—Persons are classified as unemployed if they are civilians 16 years old and over and (a) were neither "at work" nor "with a job but not at work" during the reference week, (b) were looking for work during the last 4 weeks, and (c) were available to

accept a job. Also included as unemployed are persons who did not work at all during the reference week and were waiting to be called back to a job from which they had been laid off.

Although the EEO Special File and this report contain data for the entire civilian labor force, occupation data are shown only for the "recent-experienced" civilian labor force (defined as persons employed in 1980 or unemployed having civilian work experience between 1975-1980).

Unemployed, No Civilian Work Experience Since 1975—Persons are classified as unemployed with no civilian work experience since 1975 if they reported themselves as unemployed at the time of the 1980 census and one of the following: (1) their last job since 1975 was in the Armed Forces; or (2) they last worked in 1974 or earlier; or (3) they reported that they had never worked.

OCCUPATION

The data on occupation were obtained for the employed, the experienced unemployed, and persons 16 years old and over with work experience but not currently in the labor force. For the last two categories, the occupation is the most recent job that a person held during the previous five years. For an employed person the information is about the job held during the reference week. Those who were employed at two or more jobs reported the job at which they worked the greatest number of hours during the reference week.

Classification System—The occupation statistics utilize the detailed classification system developed for the 1980 Census of Population. This classification consists of 503 specific occupation categories arranged into 6 summary and 13 major

occupation groups. It is based on the 1980 *Standard Occupational Classification (SOC) Manual*, published by the U.S. Department of Commerce, Office of Federal Statistical Policy and Standards.

This report presents the 503 detailed occupation categories, plus a category for unemployed with no civilian work experience since 1975, and industry and class of worker subcategories for a few selected occupations. The publications *1980 Census of Population: Classified Index of Industries and Occupations*, PHC80-R4, U.S. Government Printing Office, Washington, D.C., 1982, and the SOC Manual provide information on the composition of the detailed categories.

Comparability with 1970 Occupation Data—Although the 1980 Census/EEO Special File is the counterpart file to the 1970 special tabulations, the 1980 data are not totally comparable to the 1970 data because of major differences between the classification systems used for coding occupations in 1970 and 1980. Prior to the 1980 census there was no government-wide standard on which to base the successive decennial census occupational classification system. In 1977 (revised in 1980) the Office of Federal Statistical Policy and Standards developed the SOC system for use by all Federal agencies. The 1980 census system is the first based on this SOC system.

One advantage of this new classification is greater consistency of occupation data among government sources. On the other hand, since many 1980 occupation groups and categories are only partially comparable to the ones in 1970, the differences will complicate EEO and other studies attempting to measure changes during the decade.

Some of the differences in the classification structure are as follows:

1. Working proprietors in sales and other sales managers who perform some of

the same duties as the workers they supervise are now classified as "sales supervisors" rather than "managers."

2. "Cashiers" and some "counter clerks, except food" were transferred from "clerical" to "sales workers."
3. The farming occupations were expanded to include related off-farm activities, so some former "laborers" (e.g., gardeners) were transferred to this group.
4. Some 1970 "operatives" were moved to "precision production occupations," such as "butchers and meat cutters," "dressmakers," "drywall installers," and "precision assemblers."
5. Conversely, some 1970 "craft workers" moved to "machine operators" or to "transportation and material moving occupations." Examples are "job setters" (those who set up a machine for others), "printing press operators," "locomotive operating occupations," and "excavating and loading machine operators."

A more detailed description of the changes in the classification systems and the data will be presented in a technical paper equivalent to the technical paper which compared the 1960 system to the 1970 system.¹

INDUSTRY AND CLASS OF WORKER

This report shows data on major industry and class of worker subcategories for selected occupation groups. The information on industry and class of worker refers to the same job as the respondent's occupation. The industry statistics are based on the 1980 census detailed classification system developed from the U.S. Standard Industrial Classification (SIC) system. Definitions of the class of worker categories shown in this report are as follows:

Salaried Employees—Persons who work for a private employer or for any Federal, State, or local governmental unit for wages, salary, commission, tips, pay-in-kind, or at piece rates; this category also includes persons who work as employees

of their own incorporated business or trade.

Self-employed—Those who work for profit or fees in their own unincorporated business, profession, or trade, or who operate a farm, or who work without pay in a family business or farm.

RACE

Definition—The concept of race as used by the Census Bureau reflects self-identification by respondents; it does not denote any clear-cut scientific definition of biological stock. The data, therefore, represent self-classification by people according to the race with which they identify.

For persons who could not provide a single response to the race question, the race of the person's mother was used; however, if a single response could not be provided for the person's mother, the first race reported by the person was used. This is a modification of the 1970 census procedure in which the race of the person's father was used.

The category "White" includes persons who indicated their race as White, as well as persons who did not classify themselves in one of the specific race categories listed on the questionnaire, but entered a response such as Canadian, German, Italian, Lebanese, or Polish. In the 1980 census, persons who did not classify themselves in one of the specific race categories but marked "Other" and wrote in entries such as Cuban, Puerto Rican, Mexican, or Dominican were included in the "Other" race category; in the 1970 census, most of these persons were included in the "White" category.

The category "Black" includes persons who indicated their race as Black or Negro, as well as persons who did not classify themselves in one of the specific race categories listed on the questionnaire, but reported entries such as Jamaican, Black Puerto Rican, West Indian, Haitian, or Nigerian.

The category "American Indian, Eskimo, and Aleut" includes persons who classified themselves as such in one of the specific race categories. In addition, persons who did not report themselves in one of the specific race categories but entered the name of an Indian tribe or reported such entries as Canadian Indian, French American Indian, or

Spanish American Indian were classified as American Indian.

The category "Asian and Pacific Islander" includes persons who indicated their race as Chinese, Filipino, Japanese, Asian Indian, Korean, Vietnamese, Hawaiian, Samoan, or Guamanian, as well as persons who provided write-in entries of such Asian and Pacific Islander groups as Cambodian, Laotian, Pakistani, and Fiji Islander under the "Other" race category. Also, persons who did not classify themselves in one of the specific race categories but wrote in an entry indicating one of the nine specific categories listed above were classified accordingly. For example, entries of Nipponese and Japanese American were classified as Japanese, entries of Taiwanese and Cantonese as Chinese, etc.

The category "Race, n.e.c." includes all persons not in the categories White, Black, American Indian, Eskimo and Aleut, and Asian and Pacific Islander mentioned previously. Persons reporting in the "Other" race category and providing write-in entries such as Eurasian, Cosmopolitan, Interracial, or a Spanish origin group (e.g., Mexican, Cuban, or Puerto Rican) were included in "Race, n.e.c." During the coding operations, each of the subgroups comprising "Race, n.e.c." as well as the write-in entries of Asian and Pacific Islander groups under the "Other" race category were identified separately. The Bureau plans to provide figures for the component groups in subsequent 1980 census reports.

If the race entry was missing on the questionnaire for a member of a household, an answer was assigned in the computer according to the reported entries of race of other household members using specific rules of precedence of household relationship. If race was not entered for anyone in the household (excluding paid employees), the race of a household in a previously processed household was assigned.

Comparability with 1970 Race Data—Differences between the 1980 census and the 1970 census in reporting and processing seriously affect comparability for certain race groups. First, a large number of Spanish origin persons reported their race differently in the 1980 census than in the 1970 census; this difference in reporting has a substantial impact on the population totals and comparability for

¹ U.S. Bureau of the Census, *1970 Occupation and Industry Classification Systems in Terms of Their 1960 Occupation and Industry Elements*, (Technical Paper 26).

the "White" population, and the "Race, n.e.c.," or "Other" race population (shown as "All other races" in most 1970 publications). A much larger proportion of the Spanish origin population in 1980 than in 1970 reported their race as "Other." Second, in 1970, most persons who marked the "Other" race category and wrote in a Spanish designation such as Mexican, Venezuelan, Latino, etc., were reclassified as "White." In 1980, such persons were not reclassified but remained in the "Other" race category.

As a result of this procedural change and the differences in reporting by this population, the proportion of the Spanish origin population classified as "Other" race in the 1980 census was substantially higher than that in the 1970 census. Nationally, in 1970, only 1 percent of Spanish origin persons were classified as "Other" race and 93 percent as "White." In 1980, a much larger proportion—38 percent—of Spanish origin persons reported their race as "Other" and only 58 percent reported "White." As a consequence of these differences, 1980 population totals for "White" and "Race, n.e.c." are not comparable with corresponding 1970 figures.

Data were collected separately for Eskimos and Aleuts in all states for the first time in the 1980 census. In 1970, these data were available only for Alaska. Since Eskimos and Aleuts are highly concentrated in Alaska, these changes did not seriously affect the comparability of 1980 and 1970 data for the "American Indian, Eskimo, and Aleut" population.

The 1980 data on the Asian and Pacific Islander population reflect a high level of immigration during the 1970's as well as a number of changes in census procedures. First, the number of Asian and Pacific Islander categories listed separately on the 1980 census questionnaire was expanded to include Vietnamese, Asian Indian, Guamanian, and Samoan. Asian Indians, classified as "White" in 1970, were included in the "Asian and Pacific Islander" category in 1980. The Vietnamese, Guamanian, and Samoan populations were included in the "Other" race category in the 1970 census, but in the "Asian and Pacific Islander" category in 1980. Second, "Other Asian and Pacific Islander" groups such as Cambodian, Laotian, Pakistani, and Fiji Islander were identified and tabulated as "Asian and Pacific

Islander" in the 1980 census; in 1970, most of these groups were included in the "Other" race category. Also, in 1980, data were collected separately for Hawaiians and Koreans in all States, but in 1970, Eskimo and Aleut were substituted for these two categories in Alaska. Since the numbers of Hawaiians and Koreans in Alaska were small, this change does not have a significant impact on the comparability of the 1980 and 1970 data.

SPANISH ORIGIN

Definition—Persons of Spanish/Hispanic origin or descent are those who classified themselves in one of the specific Spanish origin categories listed in question 7 on the questionnaire—Mexican, Puerto Rican, or Cuban—as well as those who indicated that they were of other Spanish/Hispanic origin. Persons reporting "other Spanish/Hispanic" origin are those whose origins are from Spain, the Spanish-speaking countries of Central or South America, or they are Spanish origin persons identifying themselves generally as Spanish, Spanish American, Hispano, Latino, etc. Origin or descent can be viewed as the ancestry, nationality group, lineage, or country in which the person or person's parents or ancestors were born before their arrival in the United States. Persons of Spanish origin may be of any race.

Persons of more than one type of Spanish origin and persons of both a Spanish and some other origin(s) who were in doubt as to how to report a specific origin were classified according to the origin of the person's mother. If a single origin was not provided for the person's mother, then the first origin reported by the person was recorded. If any household member failed to respond to the Spanish/Hispanic origin question, a response was assigned by computer in the sample edit operation according to available related information such as ancestry and place of birth reported for the household member. If such information was not reported, origin was assigned from entries of other household members using specific rules of precedence of household relationship. If no origin was reported for any household member (excluding a paid employee), then an origin was assigned from another household with a householder of the same race.

Limitations of the Spanish Origin Data

A preliminary evaluation study of the reporting in the 1980 census item on Spanish origin indicated that there was misreporting in the Mexican origin category by White and Black persons in certain areas. The study results showed evidence that the misreporting occurred in the South (excluding Texas), the Northeast (excluding the New York City area), and a few states in the North Central Region. Also, results based on available data suggest that the impact of potential misreporting of Mexican origin in the 1980 census is severe in those portions of the above-mentioned regions where the Spanish origin population is generally sparse. However, 1980 census data on the Mexican origin population, or total Spanish origin population, at the national level, are not seriously affected by the reporting problem. For a more detailed discussion of the evaluation of the Spanish origin item, see the 1980 Census of Population Supplementary Report, *Persons of Spanish Origin by State: 1980*, PC80-S1-7.

Comparability with 1970 Spanish Origin Data—The 1980 figures on Spanish origin are not directly comparable with 1970 Spanish origin totals because of several factors; namely, overall improvements in the 1980 census, better coverage of the population, improved question design, and an effective public relations campaign by the Census Bureau with the assistance of national and community ethnic groups. These efforts at census improvement explain, in part, the large increase in the number of Hispanics over 1970. Also, these efforts undoubtedly resulted in the inclusion of a sizable but unknown number of persons of Hispanic origin who are in the country in other than legal status.

In the 1980 census Spanish origin question, specific changes in design from the 1970 question included the placement of the category "No, not Spanish/Hispanic" as the first category in that question. The corresponding category appeared last in the 1970 question. The category "Central or South American" was deleted because in 1970 some respondents misinterpreted the category; and the designations "Mexican-Amer." and "Chicano" were added to the Spanish origin question in 1980. In the 1970 census, the question on Spanish origin

Definitions and Explanations

was asked of only a 5-percent sample of the population; in the 1980 census, the Spanish origin question was asked of everyone in the Nation.

AGE

The age classification is based on the age of the person in completed years as of April 1, 1980, and was determined from the response to questions on age at last birthday, and month and year of birth.

YEARS OF SCHOOL COMPLETED

The data on years of school completed were based on the responses to the ques-

tions on the highest grade (or year) that the person had ever attended. Persons whose education was received in a foreign school system or an ungraded school were instructed to report the approximate equivalent grade in the regular American school system. If a person were currently attending or did not finish the highest grade attended, he or she was tabulated as having completed the previous grade or year.

SYMBOL AND ABBREVIATIONS USED IN TABLES

A dash “-” represents zero. The following abbreviations have been used in the tables:

- admin. — administrative
- bdg. — building
- constr. — construction
- engr. — engineering
- exc. — except
- insps. — inspectors
- instr. — instrument
- lab. — laboratory
- mach. — machine
- mechs. — mechanics
- misc. — miscellaneous
- n.e.c. — not elsewhere classified
- prep. — preparation
- proprs. — proprietors
- pub. — public
- refrig. — refrigeration
- reps. — representatives
- tech. — technical
- tng. — training
- trans. — transportation

Facsimile of questionnaire items 28–30

	28 A B C
28–30. Current or most recent job activity <i>Describe clearly this person's chief job activity or business last week. If this person had more than one job, describe the one at which this person worked the most hours. If this person had no job or business last week, give information for last job or business since 1975</i>	D E F
	G H J
	K L M
28. Industry a For whom did this person work? <i>If now on active duty in the Armed Forces, print "AF" and skip to question 31</i> <i>(Name of company, business, organization, or other employer)</i> b What kind of business or industry was this? <i>Describe the activity at location where employed</i> <i>(For example: Hospital, newspaper publishing, mail order house, auto engine manufacturing, breakfast cereal manufacturing)</i> c Is this mainly — <i>(Fill one circle)</i> Manufacturing <input checked="" type="radio"/> Retail trade Wholesale trade Other — <i>(agriculture, construction, service, government, etc.)</i>	AF NW
29 Occupation a What kind of work was this person doing? <i>(For example: Registered nurse, personnel manager, supervisor of order department, gasoline engine assembler, grinder operator)</i> b What were this person's most important activities or duties? <i>(For example: Patient care, directing hiring policies, supervising order clerks, assembling engines, operating grinding mill)</i>	29 N P Q R S T U V W
30 Was this person — <i>(Fill one circle)</i> Employee of private company, business, or individual, for wages, salary, or commissions <input checked="" type="radio"/> Federal government employee <input type="radio"/> State government employee <input type="radio"/> Local government employee <i>(city, county, etc.)</i> <input type="radio"/> Self-employed in own business, professional practice, or farm — Own business not incorporated Own business incorporated Working without pay in family business or farm <input type="radio"/>	X Y Z

Instructions to the respondent for questionnaire items 28–30

28a. If the person worked for a company, business, or government agency, print the name of the company, not the name of the person's supervisor. If the person worked for an individual or a business that has no company name, print the name of the individual worked for. If the person worked in his or her own business, print "self-employed."

b. Print two or more words to tell what the business, industry, or individual employer named in 28a does. If there is more than one activity, describe only the major activity *at the place where the person works*. Enter what is made, what is sold, or what service is given.

Some examples of what is needed to make an answer acceptable are shown on the census form and here.

Unacceptable

Furniture company

Grocery store

Oil company

Ranch

Acceptable

Metal furniture manufacturing

Wholesale grocery store

Retail gas station

Cattle ranch

c. Mark **Manufacturing** if the factory, plant, mill, etc., mostly makes things, even if it also sells them.

Mark **Wholesale trade** if the business mostly sells things to stores or other companies.

Mark **Retail trade** if the business mostly sells things (not services) to individuals.

Mark **Other** if the main activity of the employer is not making or selling things. Some examples of **Other** are farming, construction, and services such as those provided by hotels, dry cleaners, repair shops, schools, and banks.

29a. Print two or more words to describe the kind of work the person does. If the person is a trainee, apprentice, or helper, include that in the description.

Some examples of what is needed to make an answer acceptable are shown on the census form and here.

Unacceptable

Clerk

Helper

Mechanic

Nurse

Acceptable

Production clerk

Carpenter's helper

Auto engine mechanic

Registered nurse

b. Print the most important things that the person does on the job. Some examples are shown on the census form.

30. If the person was an employee of a *private* nonprofit organization, such as a church, fill the first circle.

Mark **Local government employee** for a teacher working in an elementary or secondary public school.

Table 1. Detailed Occupation of the Civilian Labor Force by Sex, Race, and Spanish Origin: 1980

(DATA BASED ON SAMPLE; SEE TEXT. FOR DEFINITIONS OF TERMS AND MEANING OF SYMBOLS, SEE TEXT.)

UNITED STATES	TOTAL		SPANISH ORIGIN ¹		NOT OF SPANISH ORIGIN				ASIAN AND PACIFIC ISLANDER		RACE, N.E.C.			
	MALE	FEMALE	MALE	FEMALE	WHITE		BLACK		AMERICAN INDIAN, ESKIMO, AND ALEUT		MALE	FEMALE	MALE	FEMALE
					MALE	FEMALE	MALE	FEMALE	MALE	FEMALE				
CIVILIAN LABOR FORCE, 16 YEARS AND OVER	59 926 488	44 523 329	3 593 058	2 399 665	49 800 137	35 877 061	5 254 596	5 182 629	311 862	234 595	908 824	787 596	58 011	41 783
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS.	13 457 369	9 196 289	408 036	282 284	12 127 714	7 888 028	566 139	795 567	43 086	39 644	298 879	182 775	13 515	7 991
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS.	7 209 661	3 168 857	224 874	110 178	6 560 433	2 755 972	277 215	226 986	22 687	14 626	118 663	58 355	5 789	2 740
LEGISLATORS	7 112	3 557	146	34	6 192	3 233	166	166	253	65	118	48	4	11
CHIEF EXECUTIVES AND GENERAL ADMINISTRATORS, PUBLIC ADMINISTRATION,	27 458	8 319	1 223	315	22 416	6 078	3 104	1 655	429	111	251	148	35	12
ADMINISTRATORS & OFFICIALS, PUBLIC ADMINISTRATION	196 465	99 518	6 612	3 379	171 787	83 182	13 402	11 013	1 861	818	2 615	1 053	188	77
ADMINISTRATORS, PROTECTIVE SERVICES	23 769	2 468	7 555	101	22 141	2 053	824	270	144	21	98	16	7	
FINANCIAL MANAGERS	281 218	128 626	7 553	3 026	261 088	116 748	6 792	5 989	402	317	1 676	1 41	141	74
PERSONNEL AND LABOR RELATIONS MANAGERS	140 747	79 198	6 247	3 206	124 144	68 596	8 051	6 198	439	302	1 777	1 412	89	54
PURCHASING MANAGERS	56 088	15 111	1 364	410	52 456	13 389	1 433	1 016	46	36	695	235	49	15
ADVERTISING, MARKETING, ADVERTISING, & PUB. RELATIONS	121 513	11 293	3 427	4 672	540 409	111 891	9 064	4 310	990	327	5 346	1 465	260	93
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	239 766	147 772	6 113	4 672	210 578	121 224	20 154	19 193	945	1 050	1 718	1 532	158	101
MANAGERS, MEDICINE AND HEALTH	54 563	56 298	1 724	1 724	48 300	47 760	3 812	5 608	205	359	709	805	38	16
MANAGERS, PROPERTIES AND REAL ESTATE	117 835	82 537	2 948	2 948	110 761	73 021	7 559	4 472	564	493	1 317	824	128	39
POSTMASTERS AND MAIL SUPERINTENDENTS	3 781	1 532	35	195	3 031	2 711	3 100	452	109	141	63	62	2	2
FUNERAL DIRECTORS	3 781	1 532	35	195	3 031	2 711	3 100	452	109	141	63	62	2	2
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	3 408 912	1 253 749	105 940	42 018	3 120 455	1 111 272	112 058	75 664	9 748	5 482	53 899	18 140	2 792	1 170
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	419 697	154 149	16 117	6 075	377 417	136 580	12 241	4 697	1 258	635	12 124	6 003	540	159
MANAGEMENT RELATED OCCUPATIONS	1 618 132	999 200	52 142	37 803	1 452 397	845 335	74 476	85 515	5 120	4 459	32 650	25 174	1 347	914
ACCOUNTANTS AND AUDITORS	626 558	386 299	18 422	13 380	563 916	324 773	23 174	30 540	1 272	1 553	19 212	15 608	562	445
UNDERWRITERS	7 752	10 845	199	412	7 021	9 522	3 353	774	12	21	127	105	11	11
OTHER FINANCIAL OFFICERS	223 633	182 318	5 845	6 821	205 881	160 290	7 371	10 879	499	462	3 872	3 503	165	163
MANAGEMENT ANALYSTS	88 452	29 929	1 809	857	82 171	25 971	2 994	2 483	296	177	1 262	410	120	31
PERSONNEL, TRAINING, AND LABOR RELATIONS SPECIALISTS	224 039	198 780	10 900	10 203	189 001	158 162	20 077	25 952	1 275	1 247	2 582	3 084	204	132
PURCHASING AGENTS AND BUYERS, FARM PRODUCTS	17 933	1 547	417	74	16 805	1 336	565	126	46		94	11	6	
BUYERS, WHOLESALE AND RETAIL TRADE, EXCEPT FARM PRODUCTS	93 192	74 639	2 812	2 126	86 634	68 006	2 184	3 218	190	180	1 326	1 040	46	69
PURCHASING AGENTS AND BUYERS, N.E.C.	130 769	60 979	3 484	1 625	121 340	54 711	4 224	3 762	463	254	1 193	592	65	35
BUSINESS AND PROMOTION AGENTS	13 780	6 827	611	168	12 183	6 227	806	321	34	25	134	79	12	7
CONSTRUCTION INSPECTORS	48 413	27 479	1 652	1 301	43 074	1 867	2 675	406	271	8	668	62	72	6
INSPECTION COMPLAINTS OFFICERS, EXCEPT CONSTR.	128 935	27 009	5 592	1 511	111 472	20 939	9 111	4 710	659	244	2 015	497	86	8
MANAGEMENT RELATED OCCUPATIONS, N.E.C.	14 476	16 649	399	149	12 899	13 551	902	2 344	103	88	165	183	8	7
PROFESSIONAL SPECIALTY OCCUPATIONS	6 247 708	6 027 432	183 162	172 106	5 567 281	5 132 056	288 924	568 581	20 399	25 018	180 216	124 420	7 726	5 251
ENGINEERS, ARCHITECTS, AND SURVEYORS	1 465 230	75 080	34 811	2 572	1 327 091	64 250	34 441	4 822	3 457	262	63 559	3 095	1 824	106
ARCHITECTS	98 743	8 950	3 983	370	88 047	7 852	2 643	4 303	178	30	376	123	123	
ENGINEERS	1 336 164	64 809	29 834	2 129	1 210 955	55 225	31 085	4 475	3 000	219	59 568	2 663	1 722	98
AEROSPACE	85 622	2 869	2 187	81	77 557	2 394	1 476	221	221	19	4 107	171	74	
METALLURGICAL AND MATERIALS	23 260	1 279	42	21	21 397	1 095	1 463	80	21	21	893	41	49	
MINING	9 700	341	267	28	9 078	301	100	301	61	7	194	5		
PETROLEUM	22 235	819	267	28	20 883	719	315	31	96	6	475	35	47	
CHEMICAL	54 487	3 015	976	110	49 349	2 490	128	10	22	8	186	70	16	
NUCLEAR	8 897	181	17	17	7 949	298	94	10	22	22	12 597	18	20	
CIVIL	198 029	6 006	5 407	159	174 802	5 081	4 692	368	544	24	12 206	352	378	22
AGRICULTURAL	4 115	82	82		3 845	353	62	23	4	4	122	7		
AGRICULTURAL AND ELECTRONIC	306 695	16 179	7 187	679	276 662	13 344	7 977	1 442	715	14	13 830	681	324	19
INDUSTRIAL	174 968	19 354	3 475	639	165 026	17 079	4 494	1 116	342	94	3 432	396	199	30
MECHANICAL	193 579	4 071	3 360	88	177 807	3 472	4 384	304	360	20	7 457	182	241	5
MARINE AND NAVAL ARCHITECTS	236 270	9 328	5 205	253	213 849	8 526	7 744	636	49	16	11 383	9	16	
ENGINEERS, N.E.C. ARCHITECTS	230 313	9 994	5 994	73	229 889	1 173	713	713	197	6	12 767	578	304	6
SURVEYORS AND MAPPING SCIENTISTS	244 129	86 318	5 700	2 163	219 996	73 125	9 562	7 691	593	108	8 222	2 970	276	67
MATHEMATICAL AND COMPUTER SCIENTISTS	157 140	45 511	3 641	1 162	141 521	38 952	5 999	5 999	369	170	5 445	1 775	175	50
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	58 435	22 441	1 353	519	52 508	18 860	2 458	2 405	81	158	1 488	557	70	6
OPERATIONS AND SYSTEMS RESEARCHERS AND ANALYSTS	7 682	2 637	46	28	7 280	2 437	91	94			259	78	6	
ACTUARIES	15 684	14 516	398	439	13 711	11 917	786	1 595	41	57	733	497	15	11
STATISTICIANS	15 188	14 516	398	439	13 711	11 917	786	1 595	41	57	733	497	15	11
MATHEMATICAL SCIENTISTS, N.E.C.	251 535	62 660	5 280	1 922	226 750	52 103	8 022	3 899	906	259	10 132	4 364	445	7
PHYSICISTS AND ASTRONOMERS	21 253	1 220	37	37	70 725	1 102	314	41	30		1 152	40	81	
CHEMISTS, EXCEPT BIOCHEMISTS	81 699	20 549	1 794	792	73 883	15 849	3 571	1 456	145	56	5 332	2 348	142	39
ATMOSPHERIC AND SPACE SCIENTISTS	6 986	1 429	145	53	6 383	1 219	281	129	45	2	106	26	26	
GEOLOGISTS AND GEODESISTS	40 985	5 142	776	63	38 969	4 768	488	205	85	10	621	91	46	5
PHYSICAL SCIENTISTS, N.E.C.	6 874	1 767	165	42	6 250	1 484	311	196	4	4	132	28	12	
PHYSICAL SCIENTISTS, N.E.C.	19 009	5 580	479	128	17 325	4 780	797	437	47	37	198	12	12	
AGRICULTURAL AND LIFE SCIENTISTS	30 840	15 239	541	439	27 625	12 898	871	806	60	52	1 438	198	12	
BIOLOGICAL AND FOOD SCIENTISTS	31 985	663	653	129	29 662	12 898	871	806	60	52	1 438	198	12	
FORESTRY AND CONSERVATION SCIENTISTS	11 904	8 161	393	239	10 348	6 870	434	441	23	28	673	558	33	25
MEDICAL SCIENTISTS														

¹ PERSONS OF SPANISH ORIGIN MAY BE OF ANY RACE.

[∞] Table 1. Detailed Occupation of the Civilian Labor Force by Sex, Race, and Spanish Origin: 1980 - Con.

DATA BASED ON SAMPLE, SEE TEXT. FOR DEFINITIONS OF TERMS AND MEANING OF SYMBOLS, SEE TEXT)

UNITED STATES CIVILIAN LABOR FORCE, 16 YEARS AND OVER-- CON.	TOTAL			SPANISH ORIGIN ¹		NOT OF SPANISH ORIGIN				ASIAN AND PACIFIC ISLANDER		RACE, N.E.C.	
	MALE	FEMALE	TOTAL	MALE	FEMALE	WHITE		BLACK		MALE	FEMALE	MALE	FEMALE
						MALE	FEMALE	MALE	FEMALE				
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS--CON.													
PROFESSIONAL SPECIALTY OCCUPATIONS--CON.													
HEALTH DIAGNOSING OCCUPATIONS	570 546	76 280	646 826	18 946	3 300	501 141	56 484	13 750	3 946	673	165	35 200	12 213
PHYSICIANS	375 289	57 966	433 255	16 283	2 570	317 142	40 700	10 050	3 153	386	137	30 656	11 262
DENTISTS	116 916	8 375	125 291	1 812	381	108 990	6 890	2 666	468	167	18	3 226	606
VETERINARIANS	29 797	4 216	34 013	1 337	137	28 706	4 216	6 402	120	56	6	3 359	73
OPTOMETRISTS	22 569	2 036	24 605	322	110	21 544	1 765	1 198	56	36	8	461	97
PODIATRISTS	7 124	657	7 781	62	-	6 805	538	203	78	-	-	54	41
HEALTH DIAGNOSING PRACTITIONERS, N.E.C.	18 951	2 688	21 639	216	102	17 954	2 375	1 191	71	28	6	444	134
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	240 569	1 482 007	1 722 576	8 805	32 757	205 668	1 278 888	17 252	116 192	758	4 569	7 729	48 242
REGISTERED NURSES	52 755	1 232 047	1 284 802	2 610	24 930	42 605	1 071 709	15 363	90 009	175	3 661	1 892	41 054
PHARMACISTS	60 483	30 082	90 565	2 028	1 464	101 051	29 385	2 949	1 766	158	89	4 313	136
DIECTIONISTS	52 191	17 152	69 343	2 697	3 599	4 224	43 289	1 947	12 493	25	307	179	2 304
PHYSICIAN ASSISTANTS	21 499	16 257	37 756	1 524	1 292	16 916	125 014	5 632	10 318	268	413	1 051	2 277
OCCUPATIONAL THERAPISTS	11 499	3 841	15 340	508	872	1 183	14 875	2 184	2 982	90	118	519	451
PHYSICAL THERAPISTS	11 234	3 841	15 075	458	872	1 183	14 875	2 184	2 982	14	36	44	384
PHYSICAL THERAPISTS, N.E.C.	13 784	29 284	43 068	601	792	10 437	28 245	1 76	1 863	33	681	244	681
SPEECH THERAPISTS	13 784	29 284	43 068	601	792	10 437	28 245	1 76	1 863	22	54	25	357
PHYSICIAN ASSISTANTS, N.E.C.	18 211	12 226	30 437	1 045	706	15 316	24 967	2 139	2 962	109	157	219	404
TEACHERS, POSTSECONDARY	404 104	233 370	637 474	9 548	7 191	361 956	203 640	15 334	15 468	1 179	761	15 311	5 699
EARTH, ENVIRONMENTAL, & MARINE SCIENCE TEACHERS	1 904	1 827	3 731	12	19	1 827	342	122	171	8	13	230	113
BIOLOGICAL SCIENCE TEACHERS	6 537	3 114	9 651	75	30	6 095	2 782	158	58	15	15	303	38
CHEMISTRY TEACHERS	6 671	1 711	8 382	117	39	6 040	1 531	168	58	15	15	303	38
PHYSICS TEACHERS	6 882	532	7 414	133	22	4 363	452	65	10	6	6	19	12
NATURAL SCIENCE TEACHERS, N.E.C.	3 494	2 326	5 820	24	-	588	184	6	10	6	6	19	12
PSYCHOLOGY TEACHERS	4 024	1 008	5 032	45	79	3 244	2 047	123	153	29	-	53	47
ECONOMICS TEACHERS	4 267	1 233	5 500	55	39	3 681	872	103	84	-	-	172	54
HISTORY TEACHERS	1 677	369	2 046	78	4	4 002	1 224	126	61	-	-	126	20
POLITICAL SCIENCE TEACHERS	1 677	369	2 046	19	4	1 451	1 375	110	82	6	10	78	18
SOCIOLOGY TEACHERS	2 263	944	3 207	33	23	2 016	816	129	87	10	-	13	13
SOCIAL SCIENCE TEACHERS, N.E.C.	1 301	708	2 009	32	42	1 192	642	23	12	16	6	27	6
ENGINEERING TEACHERS	9 719	1 533	11 252	201	25	8 670	1 115	317	70	38	6	487	36
MATHEMATICAL SCIENCE TEACHERS	11 390	5 307	16 697	311	81	10 004	4 555	496	438	58	7	507	221
COMPUTER SCIENCE TEACHERS	1 842	1 213	3 055	72	27	1 519	615	68	54	7	-	170	20
HEALTH SCIENCES TEACHERS	2 056	1 657	3 713	225	51	1 614	1 939	175	81	31	-	319	45
BUSINESS, COMMERCE, AND MARKETING TEACHERS	3 342	3 567	6 909	34	33	2 360	15 159	139	1 093	12	61	303	303
AGRICULTURE AND FORESTRY TEACHERS	14 718	13 667	28 385	286	194	3 651	3 180	169	259	20	10	117	45
ART, DRAMA, AND MUSIC TEACHERS	5 362	3 626	8 988	133	50	4 722	12 458	773	673	18	2	41	2
PHYSICAL EDUCATION TEACHERS	1 373	935	2 308	24	6	1 207	807	121	90	6	-	9	32
ENGLISH TEACHERS	10 538	12 865	23 403	268	286	9 740	11 664	352	700	8	45	182	148
FOREIGN LANGUAGE TEACHERS	4 039	5 915	9 954	451	817	3 331	4 689	56	178	6	3	184	254
LAW TEACHERS	3 301	481	3 782	49	16	3 125	711	104	108	-	-	19	9
SOCIAL WORK TEACHERS	329	481	810	11	35	306	318	12	125	-	-	46	23
THEOLOGY TEACHERS	2 890	767	3 657	35	18	2 664	704	64	95	8	8	36	12
TRADE AND INDUSTRIAL TEACHERS	163	1 055	1 218	37	17	2 221	993	183	95	8	-	1	5
HOME ECONOMICS TEACHERS	2 565	1 824	4 389	-	43	2 250	1 655	111	111	-	1	8	17
TEACHERS, POSTSECONDARY, N.E.C.	279 034	146 503	425 537	54	29	2 283	1 208	148	111	-	7	80	47
POSTSECONDARY TEACHERS, SUBJECT NOT SPECIFIED	1 086 775	2 635 345	3 722 120	6 638	4 754	248 906	126 763	10 683	10 490	813	526	11 447	3 787
TEACHERS, EXCEPT POSTSECONDARY	6 564	176 774	183 338	32 032	74 280	961 398	2 234 580	76 392	286 545	4 504	11 086	11 494	27 238
TEACHERS, PREKINDERGARTEN AND KINDERGARTEN	569 823	1 749 947	2 319 770	363	7 532	4 687	142 126	1 273	24 171	179	157	1 673	955
TEACHERS, ELEMENTARY SCHOOL	374 203	486 603	860 806	17 661	48 768	397 935	1 471 072	45 830	203 147	2 207	7 190	5 617	18 451
TEACHERS, SECONDARY SCHOOL	10 138	22 680	32 818	9 138	12 557	339 579	423 635	20 751	44 252	1 479	3 014	4 205	242
TEACHERS, SPECIAL EDUCATION	126 047	199 741	325 788	2 269	422	8 982	19 646	68	2 364	68	107	118	129
TEACHERS, N.E.C.	126 047	199 741	325 788	4 601	5 201	110 215	178 101	7 845	12 611	671	883	2 578	2 780
COUNSELORS, EDUCATIONAL AND VOCATIONAL	90 587	107 669	198 256	4 162	4 208	73 447	83 405	10 607	17 183	1 059	1 379	1 219	1 395
LIBRARIANS, ARCHIVISTS, AND CURATORS	32 779	154 800	187 579	1 613	3 219	34 579	133 402	2 872	11 917	153	550	1 219	2 947
LIBRARIANS	7 735	7 567	15 302	1 348	3 028	27 836	136 708	2 347	11 366	120	499	1 056	2 876
ARCHIVISTS AND CURATORS	7 735	7 567	15 302	265	191	6 743	6 694	525	551	33	51	163	71
PERSONS OF SPANISH ORIGIN MAY BE OF ANY RACE.													

PERSONS OF SPANISH ORIGIN MAY BE OF ANY RACE.

Table 1. Detailed Occupation of the Civilian Labor Force by Sex, Race, and Spanish Origin: 1980—Con.

(DATA BASED ON SAMPLE, SEE TEXT. FOR DEFINITIONS OF TERMS AND MEANING OF SYMBOLS, SEE TEXT.)

UNITED STATES	TOTAL	SPANISH ORIGIN ¹				NOT OF SPANISH ORIGIN								ASIAN AND PACIFIC ISLANDER				RACE, N.E.C.	
		MALE		FEMALE		WHITE		BLACK		AMERICAN INDIAN, ESKIMO, AND ALEUT		MALE		FEMALE		MALE	FEMALE		
CIVILIAN LABOR FORCE, 16 YEARS AND OVER--CON.																			
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS--CON.																			
PROFESSIONAL SPECIALTY OCCUPATIONS--CON.																			
SOCIAL SCIENTISTS AND URBAN PLANNERS.	136 114	81 744	3 540	2 090	123 917	71 234	5 429	6 653	431	319	2 604	1 312	193	136					
ECONOMISTS.	67 218	28 347	1 483	608	61 773	25 241	2 096	1 828	169	68	1 599	565	98	37					
PSYCHOLOGISTS.	49 102	43 827	1 379	1 128	44 635	37 766	2 362	4 100	143	193	515	546	68	94					
SOCIOLOGISTS.	1 489	1 061	40	32	1 594	927	111	42	12	44	48	48	-	-					
SOCIAL SCIENTISTS, N.E.C.	8 177	5 300	251	189	7 483	4 739	214	242	38	30	172	95	19	5					
URBAN PLANNERS.	10 128	3 209	387	133	8 732	2 561	646	441	81	16	274	58	8						
SOCIAL, RECREATION, AND RELIGIOUS WORKERS.	461 205	368 967	18 511	18 068	387 898	276 331	45 513	66 588	2 535	2 939	6 277	4 556	471	485					
SOCIAL WORKERS.	161 258	298 726	11 758	15 474	118 446	215 573	26 559	60 946	1 623	2 565	2 601	3 765	271	403					
RECREATION WORKERS.	12 132	25 278	753	1 176	8 179	20 262	2 859	3 362	144	210	160	236	30	32					
CLERGY.	266 610	16 434	5 331	568	242 223	14 661	15 093	952	691	68	3 113	155	159	10					
RELIGIOUS WORKERS, N.E.C.	21 215	28 529	669	253	19 053	25 815	1 002	1 328	77	96	403	400	11	40					
LAWYERS AND JUDGES.	455 642	74 037	7 448	2 035	433 739	65 944	10 386	4 747	880	257	2 834	961	355	93					
LAWYERS.	432 599	69 275	7 017	1 913	412 326	61 831	9 224	4 226	750	207	2 710	943	332	93					
JUDGES.	23 063	4 762	431	122	21 243	4 030	1 162	321	130	50	124	18	23	-					
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES.	800 768	582 113	32 896	18 301	709 686	528 600	39 244	22 994	3 271	2 164	14 523	9 461	1 053	587					
AUTHORS.	25 409	20 339	591	356	23 929	19 040	1 592	616	85	64	276	166	56	43					
TECHNICAL WRITERS.	30 984	18 612	530	328	35 936	19 040	1 592	616	85	64	276	166	56	43					
DESIGNERS.	30 984	18 612	530	328	35 936	19 040	1 592	616	85	64	276	166	56	43					
MUSICIANS AND COMPOSERS.	169 604	168 770	7 252	5 966	151 101	154 020	2 928	1 536	100	333	4 578	3 458	174	109					
MUSICIANS AND DIRECTORS.	99 065	41 431	5 473	7 719	94 431	38 031	7 129	4 824	486	152	1 393	628	145	29					
PICTURE SCULPTORS, CRAFT-ARTISTS, AND ARTIST PRINTMAKERS.	44 049	23 131	1 353	890	39 591	20 343	2 384	1 456	191	76	513	337	17	29					
PHOTOGRAPHERS.	79 445	73 717	4 052	1 573	69 374	68 794	3 316	1 474	653	415	1 938	1 388	112	73					
DANCERS.	72 496	22 266	2 985	765	63 991	20 198	3 832	952	207	139	1 366	212	115	-					
ARTISTS, PERFORMERS, AND RELATED WORKERS, N.E.C..	3 350	9 844	243	544	22 431	7 934	317	817	183	19	186	484	61	18					
EDITORS AND REPORTERS.	29 356	23 287	1 656	570	25 242	18 416	1 693	807	220	126	1 484	313	61	65					
PUBLIC RELATIONS SPECIALISTS.	106 442	153 895	3 585	3 822	97 766	93 820	3 292	4 151	270	339	1 866	1 492	162	148					
ANNOUNCERS.	61 442	58 595	1 655	1 850	57 764	52 340	2 980	3 495	189	265	766	657	186	28					
ATHLETES.	38 332	8 594	1 567	432	33 281	7 198	3 048	757	189	55	238	117	79	15					
TECH., SALES, & ADMIN. SUPPORT OCCUPATIONS.	11 001 736	19 881 842	515 756	896 665	16 809 297	758 025	1 762 329	37 547	86 828	202 923	310 261	10 929	16 462						
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS																			
HEALTH TECHNOLOGISTS AND TECHNICIANS.	1 721 531	1 341 081	68 629	47 314	1 492 328	1 089 582	95 394	159 778	7 405	6 651	55 595	36 390	2 180	1 366					
CLINICAL LAB. TECHNOLOGISTS & TECHNICIANS.	162 175	181 807	9 692	27 430	123 341	660 278	20 259	115 917	927	4 209	7 664	18 559	292	179					
DENTAL HYGIENISTS.	62 175	45 484	3 916	6 717	45 566	145 431	8 008	20 068	258	604	4 084	9 414	123	117					
HEALTH RECORD TECHNOLOGISTS AND TECHNICIANS.	1 314	13 833	86	516	945	11 477	196	1 282	8	37	68	486	23	23					
RADIOLOGIC TECHNICIANS.	27 356	68 955	2 061	1 916	21 057	61 042	2 864	5 033	160	217	1 195	667	12	16					
LICENSED PRACTICAL NURSES.	14 764	420 412	734	14 328	14 328	322 480	2 910	74 942	128	2 662	322	5 575	18	429					
HEALTH TECHNOLOGISTS AND TECHNICIANS, N.E.C..	55 858	96 681	2 855	3 784	44 338	76 289	6 244	13 930	373	521	1 928	2 039	120	118					
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH.																			
ENGR., AND RELATED TECHNOLOGISTS AND TECHNICIANS.	1 559 356	513 909	58 937	19 880	1 368 987	429 304	75 135	43 861	6 478	2 442	47 931	17 835	1 868	587					
ELECTRICAL AND ELECTRONIC TECHNICIANS.	788 943	158 072	33 632	7 523	693 237	131 344	36 524	13 053	3 618	639	21 030	5 313	902	200					
INDUSTRIAL ENGINEERING TECHNICIANS.	235 581	30 603	9 852	2 133	204 079	23 362	12 442	3 663	893	146	7 974	1 265	341	44					
MECHANICAL ENGINEERING TECHNICIANS.	8 404	2 240	288	100	7 638	1 945	1 400	163	20	7	46	25	12	-					
ENGINEERING TECHNICIANS, N.E.C..	14 588	1 004	458	72	13 108	838	637	86	35	35	321	8	29	-					
DRAFTING OCCUPATIONS.	207 139	64 895	6 686	2 539	186 462	53 938	9 127	6 054	716	166	3 951	2 094	197	104					
SURVEYING AND MAPPING TECHNICIANS.	274 659	54 808	14 304	2 527	237 890	47 509	12 520	2 631	1 319	257	8 324	1 832	302	52					
SCIENCE TECHNICIANS.	48 572	4 522	2 044	1 670	48 070	3 752	1 398	456	635	63	414	89	21	21					
BIOLOGICAL TECHNICIANS.	132 393	60 467	5 523	2 870	113 885	49 877	8 677	5 660	482	243	3 660	1 758	166	59					
CHEMICAL TECHNICIANS.	26 901	19 503	1 264	2 975	23 059	16 393	1 706	1 521	144	47	693	555	35	12					
SCIENCE TECHNICIANS, N.E.C..	56 768	16 655	2 168	684	48 437	13 570	4 497	1 838	153	78	1 455	470	58	15					
TECHNICIANS, EXC. HEALTH, ENGINEERING, & SCIENCE.																			
AIRPLANE PILOTS AND NAVIGATORS.	638 020	295 370	19 782	9 487	561 865	248 083	29 934	25 148	2 378	1 560	23 281	10 784	820	328					
AIR TRAFFIC CONTROLLERS.	34 149	1 039	1 194	78	72 545	922	630	26	285	13	445	13	50	28					
BROADCAST EQUIPMENT OPERATORS.	34 879	3 155	1 193	155	31 031	5 034	2 017	825	164	57	446	86	28	23					
COMPUTER PROGRAMERS.	40 707	32 015	1 422	1 287	36 355	27 330	2 230	2 730	361	454	286	191	23	7					
TELETYPE PROGRAMERS, NUMERICAL CONTROL.	218 716	98 937	6 079	2 680	193 052	82 561	9 890	7 856	604	266	8 845	5 478	546	116					
LEGAL ASSISTANTS.	6 313	2 262	204	76	5 735	1 810	190	254	8	179	124	114	5	5					
TECHNICIANS, N.E.C..	24 566	54 621	1 133	1 620	21 355	49 396	1 521	2 740	124	286	403	542	30	37					
	237 690	100 312	8 557	3 591	201 792	81 030	13 456	10 717	840	489	12 637	4 340	408	145					

¹ PERSONS OF SPANISH ORIGIN MAY BE OF ANY RACE.

Table 1. Detailed Occupation of the Civilian Labor Force by Sex, Race, and Spanish Origin: 1980-Con.

UNITED STATES	TOTAL		SPANISH ORIGIN ¹		NOT OF SPANISH ORIGIN				ASIAN AND PACIFIC ISLANDER		RACE, N.E.C.			
	MALE	FEMALE	MALE	FEMALE	WHITE		BLACK		AMERICAN INDIAN, ESKIMO, AND ALEUT	MALE	FEMALE	MALE	FEMALE	
					MALE	FEMALE	MALE	FEMALE						
CIVILIAN LABOR FORCE, 16 YEARS AND OVER--CON.	5 261 974	4 995 335	199 585	222 016	4 778 123	4 350 631	199 216	326 358	13 327	18 741	67 742	73 578	3 981	4 011
TECH., SALES & ADMIN. SUPPORT, OCCUPATIONS--CON.	812 207	318 974	32 422	11 319	738 055	288 037	27 249	14 357	2 363	1 082	11 567	3 958	551	221
SALES OCCUPATIONS	324 838	126 518	12 325	4 350	293 777	114 284	9 577	3 644	920	536	7 967	3 655	272	69
SUPERVISORS & PROPRIETORS, SALES OCCUPATIONS, SELF-EMPLOYED,	1 192 820	453 562	28 361	18 216	1 111 922	598 904	36 261	25 520	2 324	1 924	13 258	8 480	518	272
SALES REPRESENTATIVES, FINANCE & BUSINESS SERVICES,	423 736	144 128	10 136	4 471	390 114	125 577	17 834	11 478	714	379	4 723	2 072	215	151
REAL ESTATE SALES OCCUPATIONS,	360 675	297 700	8 248	6 363	338 869	282 236	7 939	4 995	855	819	4 492	3 135	272	150
SECURITIES AND FINANCIAL SERVICE SALES OCCUPATIONS,	107 750	24 638	1 904	839	102 224	22 131	2 030	1 159	117	115	1 404	370	71	24
ADVERTISING AND RELATED SALES OCCUPATIONS,	66 677	47 532	1 390	1 236	62 822	44 062	1 837	1 675	125	143	1 075	387	33	29
SALES OCCUPATIONS, OTHER BUSINESS SERVICES,	233 982	139 564	6 683	5 307	217 893	124 896	6 821	6 421	513	468	2 516	103	164	164
SALES REPRESENTATIVES, COMMODITIES EXCEPT RETAIL,	112 852	188 394	29 719	7 975	1 048 465	168 444	23 869	8 492	2 100	660	8 095	2 648	604	175
SALES ENGINEERS,	42 646	1 423	74	74	41 407	1 279	335	52	23	11	399	11	12	-
SALES REPS., MINING, MANUFACTURING, & WHOLESALE,	1 070 206	186 971	29 249	7 901	1 007 058	167 165	23 534	8 440	2 077	653	7 696	2 637	592	175
SALES WORKERS, RETAIL AND PERSONAL SERVICES,	1 806 647	3 692 620	96 391	179 766	1 574 216	3 167 034	101 838	273 700	5 573	14 461	26 774	54 646	1 855	3 013
SALES WORKERS, MOTOR VEHICLES AND BOATS,	260 889	22 219	10 574	847	239 195	20 280	8 694	803	751	100	1 505	170	185	24
SALES WORKERS, APPAREL,	80 796	361 976	5 307	17 759	67 049	316 262	6 667	21 452	214	956	1 505	4 892	54	254
SALES WORKERS, SHOES,	50 331	65 611	3 158	39 702	57 723	57 723	5 280	3 919	132	190	661	589	94	32
SALES WORKERS, FURNITURE AND HOME FURNISHINGS,	86 818	63 231	3 725	2 190	79 602	58 887	2 762	1 500	201	163	442	416	86	38
SALES WORKERS, RADIO, TV, HI-FI, AND APPLIANCES,	85 233	33 074	3 051	1 402	74 619	29 608	3 530	1 623	181	71	784	296	74	25
SALES WORKERS, HARDWARE AND BUILDING SUPPLIES,	145 769	48 495	5 625	1 402	134 619	45 574	3 844	1 884	365	148	1 095	454	71	38
SALES WORKERS, PARTS,	181 487	16 687	7 812	1 470	174 679	45 574	3 844	1 884	365	148	1 095	454	71	38
SALES WORKERS, OTHER COMMODITIES,	463 456	1 234 929	24 117	53 511	407 271	1 086 931	27 845	70 925	1 251	4 004	1 282	219	124	904
SALES COUNTER CLERKS,	25 398	70 507	2 899	2 899	21 980	59 880	1 607	6 356	84	264	396	1 087	26	125
CASHIERS,	310 338	1 565 502	25 686	89 364	242 249	1 284 746	31 062	156 141	1 279	7 544	9 517	26 229	543	1 478
STREET AND DOOR-TO-DOOR SALES WORKERS,	47 848	174 861	2 165	5 600	42 269	159 272	2 663	7 715	210	744	487	1 370	57	31
NEWS VENDORS,	71 284	35 516	2 540	1 046	63 827	32 265	3 927	1 756	275	173	656	245	27	51
SALES RELATED OCCUPATIONS,	12 610	15 267	367	390	11 688	13 948	422	645	47	78	81	191	5	15
DEMONSTRATORS, PROMOTERS AND MODELS, SALES,	121	10 065	121	233	2 340	9 236	154	418	24	38	21	129	5	11
AUCTIONEERS,	5 932	1 010	105	157	5 715	910	73	49	16	32	23	19	-	-
SALES SUPPORT OCCUPATIONS, N.E.C.,	4 013	4 192	141	157	3 633	3 802	195	178	7	8	37	43	-	-
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL,	4 018 231	13 545 426	247 542	627 335	3 206 105	11 369 084	463 415	1 276 193	16 815	61 436	79 586	200 293	4 768	11 085
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS,	569 626	508 547	25 748	21 176	485 876	425 693	47 186	52 361	2 188	2 040	8 241	6 895	387	392
SUPERVISORS, GENERAL OFFICE,	282 671	362 658	14 773	15 934	235 048	301 365	26 922	38 738	1 378	1 551	4 328	4 730	222	340
SUPERVISORS, COMPUTER EQUIPMENT OPERATORS,	30 028	12 599	997	550	26 494	10 500	1 849	1 265	34	34	647	250	25	25
SUPERVISORS, FINANCIAL RECORDS PROCESSING,	81 455	78 447	2 179	2 695	75 040	69 141	2 571	4 898	195	258	1 445	1 430	24	24
CHIEF COMMUNICATIONS OPERATORS,	44 101	23 104	1 185	714	40 226	18 925	2 140	3 253	131	69	395	141	24	2
SUPERVISORS, DISTRIBUTION, SCHEDULING, AND ADJUSTING CLERKS,	131 371	31 739	6 614	1 283	109 068	25 762	13 704	4 207	450	128	1 426	344	109	15
COMPUTER EQUIPMENT OPERATORS,	171 529	249 052	9 912	11 800	135 707	201 159	19 699	29 542	730	1 142	5 286	5 132	195	277
COMPUTER OPERATORS,	161 936	233 611	9 344	11 052	128 308	188 669	18 393	27 674	679	1 400	5 017	4 850	195	266
PERIPHERAL EQUIPMENT OPERATORS,	9 593	15 441	568	748	7 399	12 490	1 306	1 868	51	102	269	282	-	11
SECRETARIES, STENOGRAPHERS AND TYPISTS,	80 845	5 355	5 229	195 229	63 476	4 127 605	9 164	344 827	544	21 227	2 161	53 656	145	2 311
SECRETARIES,	49 249	3 949 973	2 579	149 187	40 911	3 518 594	4 316	224 859	287	16 103	1 096	38 499	60	2 731
STENOGRAPHERS,	7 996	326	2 960	2 960	7 169	67 095	379	7 596	6	300	95	1 610	21	72
TYPISTS,	23 600	716 449	2 450	43 082	15 396	541 916	4 469	112 372	251	4 824	970	13 547	64	708
INFORMATION CLERKS,	139 851	814 477	9 044	44 484	110 796	681 277	15 268	72 648	984	4 603	3 588	10 715	171	750
INTERVIEWERS,	33 654	115 244	2 174	5 756	25 647	93 871	4 839	12 731	541	1 295	434	1 517	19	34
HOTEL CLERKS,	21 113	45 269	1 112	1 718	17 890	39 676	1 374	2 707	100	280	606	864	31	24
TRANSPORTATION TICKET AND RESERVATION AGENTS,	43 617	595 352	2 953	3 552	34 974	47 088	4 076	6 620	139	205	1 416	1 775	59	92
RECEPTIONISTS,	22 870	525 290	1 895	30 137	16 940	444 847	3 174	41 552	111	2 493	705	5 775	45	486
INFORMATION CLERKS, N.E.C.,	18 597	69 342	910	3 521	15 345	55 795	1 805	9 038	93	330	427	784	17	74
RECORDS PROCESSING OCCUPATIONS, EXCEPT FINANCIAL,	231 056	786 589	16 274	43 250	179 035	620 138	29 098	105 628	932	3 440	5 371	13 291	346	842
CLASSIFIED-AD CLERKS,	3 125	11 226	171	510	2 764	9 882	182	427	4	84	84	143	-	-
CORRESPONDENCE CLERKS,	3 701	16 043	178	592	3 112	12 898	294	358	4	53	107	133	6	9
ORDER CLERKS,	106 311	219 604	8 613	12 008	83 628	178 007	12 163	25 962	400	673	1 357	2 553	153	201
PERSONNEL CLERKS, EXCEPT PAYROLL AND TIMEKEEPING,	9 794	67 845	652	3 629	7 352	54 226	1 520	8 217	79	321	176	1 398	15	54
LIBRARY CLERKS,	27 535	119 226	1 540	4 509	21 238	98 506	3 202	12 807	148	486	1 351	2 735	56	183
FILE CLERKS,	60 379	240 903	3 093	4 949	45 052	175 279	9 530	42 361	76	1 301	1 566	4 423	87	340
RECORDS CLERKS,	20 211	111 742	1 297	5 607	15 889	91 340	2 207	12 292	71	1 301	1 566	4 423	29	55

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Table 1. Detailed Occupation of the Civilian Labor Force by Sex, Race, and Spanish Origin: 1980—Con.

(DATA BASED ON SAMPLE, SEE TEXT. FOR DEFINITIONS OF TERMS AND MEANING OF SYMBOLS, SEE TEXT)

UNITED STATES	TOTAL				SPANISH ORIGIN ¹		WHITE		BLACK		NOT OF SPANISH ORIGIN				ASIAN AND PACIFIC ISLANDER		RACE, N.E.C. ¹	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE		
CIVILIAN LABOR FORCE, 16 YEARS AND OVER-- CON.																		
TECH., SALES & ADMIN. SUPPORT, OCCUPATIONS--CON.																		
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL--CON.																		
FINANCIAL RECORDS PROCESSING OCCUPATIONS,	272 307	2 067 091	15 662	70 668	226 472	1 854 653	100 982	1 150	7 209	9 353	32 271	408	1 308					
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS.	194 630	1 700 843	11 278	54 336	161 953	1 544 183	69 267	767	5 865	7 370	25 971	317	1 021					
PAYROLL AND TIMEKEEPING CLERKS.	28 607	137 782	1 368	5 527	123 470	1 188 388	11 140	148	628	378	1 969	35	130					
BILLING CLERKS.	14 882	120 185	944	5 336	11 844	103 427	1 540	68	334	466	1 806	20	77					
COST AND RATE CLERKS.	27 725	61 273	1 336	2 621	24 474	51 434	5 665	135	208	394	1 305	36	40					
CLAIMS, POSTING, & CALCULATING MACH. OPERATORS.	7 003	47 008	736	2 648	4 731	37 321	1 049	5	174	455	1 220	--	--					
DUPPLICATING, MAIL & OTHER OFFICE MACHINE OPERATORS.	21 424	40 470	1 598	2 287	15 168	30 700	3 783	73	242	726	750	116	60					
MAIL PREPARING MACHINE OPERATORS.	7 758	12 032	629	541	5 424	9 065	1 383	18	44	265	273	39	23					
MAIL PREPARING & PAPER HANDLING MACH. OPERATORS.	2 809	4 056	185	266	2 057	3 577	477	13	44	70	574	7	--					
OFFICE MACHINE OPERATORS, N.E.C.,	10 857	24 078	784	1 480	17 878	17 878	1 885	42	133	391	451	60	37					
COMMUNICATIONS EQUIPMENT OPERATORS.	34 115	289 800	2 464	13 371	26 131	230 992	41 024	177	1 726	498	2 495	79	202					
TELEPHONE OPERATORS.	27 553	278 807	2 222	12 893	20 686	221 814	40 054	151	1 681	428	2 388	46	279					
TELEGRAPHERS.	27 083	2 906	162	104	4 294	2 315	411	16	68	53	59	23	9					
COMMUNICATIONS EQUIPMENT OPERATORS, N.E.C.,	1 479	6 087	80	274	1 151	7 163	221	10	37	17	48	--	6					
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS,	562 281	240 061	32 820	9 718	424 148	171 409	54 060	1 718	1 154	9 836	3 543	581	177					
POSTAL CLERKS, EXC. MAIL CARRIERS.	175 047	98 105	9 649	3 195	125 367	60 050	32 586	609	520	4 033	1 682	114	72					
MAIL CARRIERS, POSTAL SERVICE.	226 463	34 111	10 373	961	186 459	28 848	26 111	3 881	167	2 685	236	174	18					
MAIL CLERKS, EXC. POSTAL SERVICE.	94 076	85 124	7 355	4 445	64 983	64 948	19 169	14 387	393	2 019	1 310	157	81					
MESSENGERS.	66 695	22 721	5 443	1 117	47 339	17 963	12 523	155	114	1 099	315	136	6					
MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING CLERKS, N.E.C.,	1 154 459	607 226	81 630	33 300	913 829	492 137	59 876	4 661	3 073	15 873	8 369	1 159	471					
DISPATCHERS.	67 779	31 283	2 432	1 231	60 585	26 202	3 170	213	257	578	345	66	8					
PRODUCTION COORDINATORS.	147 496	117 849	6 829	5 868	127 189	97 755	10 709	11 958	530	4 262	1 645	90	85					
STOCK, SHIPPING, AND RECEIVING CLERKS.	392 387	121 013	37 128	7 954	295 479	97 614	54 953	1 450	614	4 967	1 464	413	69					
STOCK, INVENTORY CLERKS.	398 021	211 880	25 443	10 701	312 393	171 184	50 951	25 193	1 117	6 687	3 464	483	160					
WEIGHT MEASUREMENTS, AND CHECKERS.	38 581	29 472	3 682	2 081	30 261	22 844	5 844	210	36	310	21	6	3					
WEIGHERS, MEASURERS, AND CHECKERS.	41 472	29 472	5 452	2 481	30 261	22 844	5 844	210	36	310	21	6	3					
SAMPLERS.	1 196	1 196	1 196	1 196	1 196	1 196	1 196	1 196	1 196	1 196	1 196	1 196	1 196					
EXPEDITORS.	50 597	59 744	2 650	2 625	42 971	46 370	6 734	155	212	654	734	60	69					
MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING CLERKS, N.E.C.,	9 970	30 404	605	2 393	7 869	22 821	4 482	80	96	256	576	6	36					
ADJUSTERS AND INVESTIGATORS.	199 792	331 705	8 173	16 498	173 927	263 630	13 916	43 772	697	1 442	2 864	6 071	215					
INSURANCE ADJUSTERS, EXAMINERS, & INVESTIGATORS.	66 505	100 553	1 639	3 698	60 481	80 663	3 170	13 572	163	267	900	2 207	80					
INVESTIGATORS AND ADJUSTERS, EXCEPT INSURANCE.	94 059	157 138	3 666	7 993	81 658	125 693	20 283	410	643	1 389	2 742	80	64					
ELIGIBILITY CLERKS, SOCIAL WELFARE.	4 511	20 207	2 681	1 949	2 961	13 541	3 983	29	186	249	536	30	12					
BILL AND ACCOUNT COLLECTORS.	34 717	53 807	2 181	3 158	28 927	43 733	3 263	5	934	326	586	25	50					
MISCELLANEOUS ADMINISTRATIVE SUPPORT OCCUPATIONS.	580 946	1 284 033	38 862	165 654	451 540	2 269 691	70 818	354 722	2 961	14 138	15 789	57 105	723					
GENERAL OFFICE CLERKS.	311 530	1 425 083	21 763	79 492	238 017	1 311 734	41 365	179 266	1 425	6 720	8 356	26 637	604					
BANK TELLERS.	45 310	464 139	4 142	22 923	34 258	397 327	5 320	33 855	96	1 395	8 306	99	471					
PROOFREADERS.	6 103	22 802	167	621	5 438	20 115	379	1 634	20	95	139	296	41					
DATA-ENTRY REVERS.	29 973	364 842	2 553	22 402	21 095	267 202	4 731	60 256	138	1 419	13 033	37	460					
TECHNICAL CLERKS.	36 003	107 549	1 631	4 771	29 499	85 707	3 971	14 585	92	409	762	1 803	48					
TEACHERS, IDEAS.	16 163	199 336	1 923	22 828	9 963	138 179	3 152	3 906	327	3 152	765	2 435	187					
ADMINISTRATIVE SUPPORT OCCUPATIONS, N.E.C.,	135 824	280 072	6 683	12 617	113 250	229 429	11 920	31 220	867	1 537	2 953	4 053	292					
SERVICE OCCUPATIONS	5 585 380	8 020 694	473 370	486 505	4 057 301	5 849 082	879 736	1 481 677	38 679	59 900	128 115	134 609	8 921					
PRIVATE HOUSEHOLD OCCUPATIONS.	29 494	597 451	2 753	56 211	15 651	286 296	9 698	243 030	216	3 256	1 101	7 613	75					
LAUNDERS AND IRONERS.	548	1 753	24	154	368	1 004	46	531	9	260	55	1 045	--					
COOKS, PRIVATE HOUSEHOLD.	1 590	10 231	107	699	680	4 214	537	5 091	6	65	143	19	--					
HOUSEKEEPERS AND BUTLERS.	2 489	66 531	352	11 470	1 116	28 310	769	24 717	20	375	117	1 511	15					
CHILD CARE WORKERS, PRIVATE HOUSEHOLD.	4 130	155 785	208	8 810	3 254	127 240	557	16 829	28	891	74	1 723	188					
PRIVATE HOUSEHOLD CLEANERS AND SERVANTS.	20 737	363 151	2 062	35 078	10 233	125 528	7 689	195 862	162	1 915	540	4 181	51					
PROTECTIVE SERVICE OCCUPATIONS.	1 359 969	181 932	59 984	7 944	1 122 137	137 062	156 731	33 723	9 183	1 605	10 865	1 420	178					
SUPERVISORS, PROTECTIVE SERVICE OCCUPATIONS.	20 010	4 111	2 570	2 212	19 391	3 097	5 882	10	438	91	693	15	6					
SUPERVISORS, FIREFIGHTING AND FIRE PREVENTION OCCUPATIONS.	90	109	307	6	19 616	93	514	10	133	--	169	--	11					
SUPERVISORS, POLICE AND DETECTIVES.	1 413	49 561	1 413	90	17 701	1 282	2 544	330	231	37	238	15	6					
SUPERVISORS, GUARDS.	21 699	2 317	850	116	17 701	1 282	2 544	410	274	54	238	15	6					

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UNITED STATES	TOTAL		SPANISH ORIGIN ¹		NOT OF SPANISH ORIGIN				ASIAN AND PACIFIC ISLANDER		RACE, N.E.C.	
	MALE	FEMALE	MALE	FEMALE	WHITE		BLACK		MALE	FEMALE	MALE	FEMALE
					MALE	FEMALE	MALE	FEMALE				
CIVILIAN LABOR FORCE, 16 YEARS AND OVER--CON.												
SERVICE OCCUPATIONS--CON.												
PROTECTIVE SERVICE OCCUPATIONS--CON.												
FIREFIGHTING AND FIRE PREVENTION OCCUPATIONS...	211 483	4 243	7 566	197	188 117	3 594	12 885	319	1 457	114	1 371	11
FIRE INSPECTION AND FIRE PREVENTION OCCUPATIONS...	120 489	2 145	6 588	89	18 542	1 926	9 947	99	269	26	70	5
FIREFIGHTING OCCUPATIONS...	150 994	2 098	6 908	108	169 575	1 668	11 938	220	1 188	88	1 301	84
POLICE AND DETECTIVES...	522 165	45 514	21 227	2 023	444 117	32 967	49 807	4 913	3 602	531	2 943	50
POLICE AND DETECTIVES, PUBLIC SERVICE...	330 921	24 848	15 044	1 156	339 637	23 967	31 005	4 913	2 654	319	2 341	240
SHERIFFS, BAILIFFS, AND OTHER LAW ENFORCEMENT OFFICERS...	54 714	7 901	2 490	336	47 275	6 205	4 256	1 280	378	39	260	35
CORRECTIONAL INSTITUTION OFFICERS...	76 530	12 765	3 693	512	57 205	4 347	14 546	3 497	630	173	342	75
GUARDS...	534 311	128 004	28 621	5 512	97 404	88 157	22 964	869	3 626	869	5 858	1 141
CROSSING GUARDS...	12 805	33 777	346	1 279	10 881	26 925	1 457	5 357	28	14	93	64
GUARDS AND POLICE, EXC. PUBLIC SERVICE...	499 152	77 842	27 245	3 741	377 863	55 439	84 626	16 904	3 412	665	5 480	1 022
PROTECTIVE SERVICE OCCUPATIONS, N.E.C...	22 354	16 385	1 030	492	18 768	15 050	2 074	703	186	62	285	55
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD...	4 195 917	7 241 311	410 633	422 350	2 919 513	5 425 784	713 309	1 204 924	29 280	55 039	116 149	125 576
FOOD PREPARATION AND SERVICE OCCUPATIONS...	1 644 891	3 185 213	180 034	147 421	1 464 857	2 614 384	200 335	337 571	8 598	21 772	77 564	60 983
SUPERVISORS, FOOD PREP. & SERVICE OCCUPATIONS...	105 501	182 280	9 177	5 770	15 686	120 211	12 904	12 460	269	847	3 484	2 710
BARTENDERS, WAITRESSES...	177 283	181 442	9 626	3 778	154 085	180 631	17 243	3 316	763	1 009	3 687	2 799
MAKERS, EXCEPT SHORT ORDER...	508 165	1 372 928	22 537	49 223	352 438	1 582 364	81 823	150 825	3 472	7 288	13 584	25 050
SHORT-ORDER COOKS...	168 120	710 828	63 694	40 261	102 426	233 899	6 507	15 290	208	191	593	12 250
FOOD COUNTER, FOUNTAIN, AND RELATED OCCUPATIONS...	40 098	171 867	3 862	6 881	36 236	143 358	4 288	14 057	172	491	1 105	3 537
KITCHEN WORKERS, FOOD PREPARATION...	23 215	83 394	3 269	4 500	20 839	60 845	3 422	16 043	173	847	1 105	3 537
WAITERS/WAITRESSES, ASSISTANTS...	171 282	121 927	24 703	17 896	121 262	93 601	18 138	17 251	765	475	5 998	2 507
MISCELLANEOUS FOOD PREPARATION OCCUPATIONS...	319 111	395 971	40 727	24 964	216 881	300 059	47 740	57 140	2 281	3 162	10 909	10 197
HEALTH SERVICE OCCUPATIONS...	217 030	1 611 254	15 063	82 385	135 525	1 120 698	59 809	371 337	1 789	12 651	4 516	22 443
DENTAL ASSISTANTS...	3 294	154 823	192	8 199	2 471	137 275	4 222	6 213	14	818	195	2 241
HEALTH AIDES, EXCEPT NURSING...	45 375	246 674	3 723	13 754	29 862	185 369	9 920	42 382	417	1 501	1 366	3 445
NURSING AIDES, ORDERLIES, AND ATTENDANTS...	168 361	1 209 757	11 148	60 432	103 172	798 034	49 467	322 742	1 358	10 332	2 935	16 757
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD...	1 930 692	1 049 412	181 242	99 597	1 308 786	597 717	397 143	319 993	15 678	9 616	25 350	21 046
SUPERVISORS, CLEANING AND BLDG. SERVICE WORKERS...	83 593	33 226	6 096	2 648	62 256	20 394	13 883	9 289	499	198	780	685
MAIDS AND HOUSEMEN...	150 271	510 277	23 123	53 927	267 929	50 333	169 797	1 024	4 948	4 166	3 554	12 856
JANITORS AND CLEANERS...	1 631 534	498 623	146 349	42 567	1 231 121	305 257	325 766	138 341	13 899	4 217	20 334	7 440
ELEVATOR OPERATORS...	16 869	5 113	3 107	42 329	9 834	2 418	3 655	2 317	47	27	195	22
PEST CONTROL OCCUPATIONS...	35 415	2 173	2 567	126	28 639	1 719	3 476	249	209	27	487	43
PERSONAL SERVICE OCCUPATIONS...	403 304	1 395 432	34 294	92 947	300 551	1 092 925	55 822	176 023	3 215	11 000	8 719	21 104
SUPERVISORS, PERSONAL SERVICE OCCUPATIONS...	16 293	12 707	754	506	11 029	11 029	1 270	948	45	42	339	160
BARBERS...	90 939	14 521	7 666	821	12 342	11 419	9 664	1 621	401	136	768	518
HAIRDRESSERS AND COSMETOLOGISTS...	68 469	490 785	6 410	29 448	56 374	418 362	4 305	33 212	393	2 075	518	389
ATTENDANTS, AMUSEMENT AND RECREATION FACILITIES...	64 768	40 155	3 728	2 003	52 744	32 156	6 228	4 103	505	410	1 354	1 012
GUIDES...	11 998	16 713	1 098	635	13 490	12 156	1 428	1 720	116	89	1 092	758
USHERS, TRANSPORTATION ATTENDANTS...	16 218	54 716	1 098	2 114	15 555	46 348	3 276	911	42	141	322	141
BAGGAGE PORTERS AND BELLHOPS...	13 080	54 611	1 631	2 114	15 555	46 348	3 276	911	42	141	322	141
BAGGAGE PORTERS AND BELLHOPS...	13 080	54 611	1 631	2 114	15 555	46 348	3 276	911	42	141	322	141
WALKER SERVICE AIDES...	17 075	53 730	2 504	5 319	10 174	29 045	2 721	309	304	17	815	135
CHILD CARE WORKERS, EXCEPT PRIVATE HOUSEHOLD...	41 872	570 794	4 232	43 072	26 142	428 453	9 633	86 236	865	6 475	218	630
PERSONAL SERVICE OCCUPATIONS, N.E.C...	50 312	132 860	4 897	8 552	33 484	96 353	10 132	24 231	368	915	1 297	2 612
FARMING, FORESTRY, AND FISHING OCCUPATIONS...	2 581 013	451 251	243 748	54 277	2 108 448	353 888	177 460	31 965	19 039	3 073	30 357	7 637
FARM OPERATORS AND MANAGERS...	1 184 637	130 136	17 005	1 968	1 133 785	122 848	23 702	3 435	3 188	566	6 621	1 301
FARMERS, EXCEPT HORTICULTURAL...	1 032 759	111 944	10 339	1 254	1 000 652	107 776	14 326	1 580	2 673	467	4 521	849
HORTICULTURAL SPECIALTY FARMERS...	11 589	2 256	474	66	10 188	2 035	624	46	42	78	261	248
MANAGERS, FARMS, EXCEPT HORTICULTURAL...	127 216	13 363	5 098	555	112 934	10 925	7 239	1 573	388	78	1 479	232
MANAGERS, HORTICULTURAL SPECIALTY FARMS...	13 073	2 573	1 094	93	10 021	2 336	1 513	236	85	14	360	118
FARM OCCUPATIONS, EXCEPT SPECIALTY...	758 060	217 897	163 706	42 231	498 391	148 600	77 748	20 901	6 883	1 393	10 441	4 559
SUPERVISORS, FARM WORKERS...	44 769	9 021	9 967	828	31 641	6 595	2 634	1 308	368	78	1 119	203
FARM WORKERS...	694 666	192 432	150 025	39 694	454 362	129 105	74 210	18 611	6 438	1 217	8 795	3 609
HARVESTING, CULTIVATION WORKERS...	613	720	22	70	502	128	32	108	24	12	194	197
NURSERY WORKERS...	18 012	15 724	4 692	1 639	11 886	12 584	872	874	53	86	494	553

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(DATA BASED ON SAMPLE, SEE TEXT. FOR DEFINITIONS OF TERMS AND MEANING OF SYMBOLS, SEE TEXT.)

UNITED STATES	TOTAL			SPANISH ORIGIN ¹				NOT OF SPANISH ORIGIN				RACE, N.E.C.	
	MALE	FEMALE		MALE	FEMALE	WHITE		BLACK		AMERICAN INDIAN, ESKIMO, AND ALEUT		ASIAN AND PACIFIC ISLANDER	
						MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
CIVILIAN LABOR FORCE, 16 YEARS AND OVER-- CON.													
FARMING, FORESTRY, AND FISHING OCCUPATIONS--CON.													
RELATED AGRICULTURAL OCCUPATIONS.	436 316	90 765	56 981	9 630	72 624	309 425	53 225	6 064	4 020	648	12 130	1 627	535
SUPERVISORS, RELATED AGRICULTURAL OCCUPATIONS. . .	19 335	1 617	1 315	152	16 799	1 238	911	208	149	6	155	8	6
GROUNDSKEEPERS AND GARDENERS, EXCEPT FARM. . .	382 258	30 337	51 670	2 630	266 459	22 665	48 459	3 373	3 607	373	11 600	798	463
ANIMAL CARETAKERS, EXCEPT FARM.	29 300	42 172	2 263	861	23 898	39 898	3 326	1 847	160	184	207	327	66
GRADERS AND SORTERS, AGRICULTURAL PRODUCTS. . . .	4 476	16 423	1 674	5 979	2 136	8 666	93	20	95	85	135	487	59
INSPECTORS, AGRICULTURAL PRODUCTS.	947	196	59	8	753	157	93	20	9	-	33	7	4
FORESTRY AND LOGGING OCCUPATIONS.	142 054	8 381	3 454	286	6 538	115 508	19 575	1 180	3 110	301	275	68	132
SUPERVISORS, FORESTRY AND LOGGING WORKERS. . . .	8 385	277	137	6	7 666	259	469	8	171	4	22	-	20
FORESTRY WORKERS, EXCEPT LOGGING.	22 837	5 216	1 461	226	4 086	18 447	2 111	526	584	206	94	52	40
TIMBER CUTTING AND LOGGING OCCUPATIONS.	110 832	2 888	1 856	54	89 495	2 193	16 995	56	2 255	91	159	16	72
FISHERS, HUNTERS, AND TRAPPERS.	59 946	4 072	2 602	162	3 278	51 329	3 210	385	1 938	165	890	82	77
CAPTAINS AND OTHER OFFICERS, FISHING VESSELS. . .	6 873	259	367	5	216	6 095	194	23	131	2	89	13	-
FISHERS.	51 137	3 563	2 195	139	43 454	2 664	2 976	340	1 539	151	802	69	71
HUNTERS AND TRAPPERS.	1 934	250	40	18	1 780	196	40	22	68	12	-	-	6
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS.	12 498 566	1 055 961	734 432	93 144	10 768 369	806 315	798 247	119 502	74 841	7 487	112 956	28 293	9 699
MECHANICS AND REPAIRERS.	3 847 955	134 560	210 553	8 247	3 336 009	105 863	239 352	17 640	19 616	822	39 499	1 870	2 926
SUPERVISORS, MECHANICS AND REPAIRERS.	157 181	4 749	5 423	199	144 792	4 044	5 043	384	649	27	1 201	95	73
MECHANICS AND REPAIRERS, EXCEPT SUPERVISORS. . .	3 690 774	129 811	205 130	8 048	3 191 217	101 819	234 309	17 256	18 967	75	38 298	1 775	2 853
VEHICLE AND MOBILE EQUIPMENT MECHS. & REPAIRERS. .	1 658 236	21 793	104 835	1 508	1 417 093	16 778	106 550	3 008	9 458	166	18 914	315	1 386
AUTOMOBILE MECHANICS, EXC. APPRENTICES.	948 358	12 025	61 126	869	804 190	9 206	65 414	1 693	5 186	69	11 585	177	657
AUTOMOBILE MECHANIC APPRENTICES.	4 031	99	282	-	3 233	93	407	6	39	-	11	-	11
BUS, TRUCKS, AND STATIONARY ENGINE MECHANICS. . .	152 862	1 128	7 748	40	132 134	948	10 774	118	888	11	1 185	11	133
AIRCRAFT ENGINE MECHANICS.	94 915	2 407	6 628	226	79 773	1 660	5 634	452	677	31	2 092	38	111
SMALL ENGINE REPAIRERS.	35 713	631	1 111	25	32 875	560	1 122	41	211	-	377	5	17
AUTOMOBILE BODY AND RELATED REPAIRERS.	205 450	2 372	17 141	176	172 590	1 828	12 471	288	1 034	15	2 068	65	146
AIRCRAFT MECHANICS, EXC. ENGINE.	14 209	1 323	1 008	54	11 994	1 036	877	186	74	35	233	13	23
HEAVY EQUIPMENT MECHANICS.	157 266	1 322	7 445	59	138 995	1 053	8 610	204	1 091	5	1 042	6	83
FARM EQUIPMENT MECHANICS.	45 432	476	2 346	59	41 309	2 392	1 241	20	258	5	262	-	16
INDUSTRIAL MACHINERY REPAIRERS.	472 288	14 895	21 267	776	414 235	11 879	31 080	2 052	2 298	104	3 067	67	341
MACHINERY MAINTENANCE OCCUPATIONS.	45 307	1 805	2 324	124	37 461	1 441	4 754	207	394	10	337	18	37
ELECTRIC, ELECTRONIC, AND ELECTRICAL REPAIRERS. . .	596 461	50 669	27 172	3 119	525 940	39 623	33 130	6 619	2 347	260	7 472	810	400
ELECTRONIC REPAIRERS, COMMUNICATIONS, AND ELECTRONIC EQUIPMENT REPAIRERS.	156 944	8 377	8 170	558	136 691	6 515	8 422	974	771	47	2 752	168	138
DATA PROCESSING EQUIPMENT REPAIRERS.	43 329	3 493	3 550	257	38 176	2 313	2 373	394	123	-	740	97	42
HOUSEHOLD APPLIANCE AND POWER TOOL REPAIRERS. .	40 291	2 482	1 861	173	37 705	2 033	3 373	324	205	10	330	27	17
TELEPHONE LINE INSTALLERS AND REPAIRERS.	59 363	3 243	2 881	164	52 889	2 682	3 412	324	253	12	368	24	49
TELEPHONE INSTALLERS AND REPAIRERS.	228 960	29 619	9 658	1 793	200 468	22 885	13 686	4 373	778	182	2 269	389	121
MISCELLANEOUS ELECTRICAL AND ELECTRONIC EQUIPMENT REPAIRERS.	29 574	3 015	1 652	204	25 610	2 394	7 759	293	107	19	413	105	33
HEATING, AIR CONDITIONING, & REFRIG. MECHS. . . .	150 170	1 525	8 098	114	132 939	1 123	7 131	257	625	26	1 315	5	62
MISCELLANEOUS MECHANICS AND REPAIRERS.	768 312	39 124	41 434	2 407	663 549	30 775	51 664	5 113	3 845	229	7 193	560	627
CAMERA, WATCH, & MUSICAL INSTR. REPAIRERS. . .	35 745	4 821	2 047	325	31 536	3 639	1 273	655	66	31	779	171	44
LOCKSMITHS AND SAFE REPAIRERS.	17 981	1 346	937	51	15 892	1 163	809	105	105	61	247	27	35
OFFICE MACHINE REPAIRERS.	36 950	2 046	2 061	100	31 827	1 696	2 179	182	231	21	635	41	17
MECHANICAL CONTROLS AND VALVE REPAIRERS.	27 240	1 082	1 714	65	22 678	858	2 500	149	193	3	142	7	13
ELEVATOR INSTALLERS AND REPAIRERS.	20 377	395	879	10	18 293	261	911	124	54	24	337	69	-
MILLWRIGHTS.	129 660	4 416	3 589	395	118 950	3 264	6 137	624	624	24	337	69	23
SPECIALIZED MECHANICS AND REPAIRERS, N.E.C. . . .	293 591	16 108	15 598	927	253 064	12 780	20 478	2 155	1 398	98	1 333	133	282
NOT SPECIFIED MECHANICS AND REPAIRERS.	206 768	8 910	14 609	534	171 309	7 114	17 377	1 086	1 218	52	2 042	112	213

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UNITED STATES	TOTAL		SPANISH ORIGIN ¹		NOT OF SPANISH ORIGIN						ASIAN AND PACIFIC ISLANDER		RACE, N.E.C.	
	MALE	FEMALE	MALE	FEMALE	WHITE		BLACK		AMERICAN INDIAN, ESKIMO, AND ALEUT		MALE	FEMALE	MALE	FEMALE
					MALE	FEMALE	MALE	FEMALE	MALE	FEMALE				
CIVILIAN LABOR FORCE, 16 YEARS AND OVER-- CON.	4 712 023	102 094	277 310	6 015	4 057 017	81 275	306 625	12 272	36 155	1 302	31 291	1 119	3 625	111
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS--CON.	777 628	13 204	31 315	580	706 819	11 212	30 369	1 173	4 137	103	4 543	129	445	7
CONSTRUCTION TRADES	5 005	43	281	-	4 416	43	259	-	22	-	27	-	-	-
SUPERVISORS, CONSTRUCTION OCCUPATIONS	35 553	252	1 328	41	32 999	187	779	24	159	-	276	-	12	-
SUPERVISORS, BRICKMASTONS, STONEMASONS, AND TILE SETTERS, CARPENTERS AND RELATED WORKERS	36 547	459	1 009	13	34 463	406	648	32	121	-	298	8	8	-
SUPERVISORS, ELECTRICIANS AND POWER EQUIPMENT INSTALLERS	10 655	161	762	-	9 304	131	403	30	78	-	102	-	6	-
PLASTERERS, PAINTERS, PAPERHANGERS, AND SHEETMETAL WORKERS	17 391	94	612	-	16 283	94	302	-	65	-	122	-	7	-
SUPERVISORS, PLUMBERS, PIPEFITTERS, AND STEAMFITTERS, N.E.C.	672 477	12 195	27 323	526	609 354	10 351	27 978	1 087	3 692	103	3 718	121	412	7
CONSTRUCTION TRADES, EXCEPT SUPERVISORS	3 934 395	88 890	245 995	5 435	3 350 198	70 063	276 256	11 099	32 018	1 199	26 748	990	3 180	104
BRICKMASTONS AND STONEMASONS, EXCEPT APPRENTICES	202 971	2 874	12 123	144	158 184	1 602	29 719	478	1 434	29	21 357	10	154	11
BRICKMASON AND STONEMASON APPRENTICES	3 135	641	155	8	2 506	111	446	16	139	-	11	7	58	-
TILE SETTERS, HARD AND SOFT	31 897	641	3 067	37	26 178	527	2 196	77	528	6	437	41	65	-
CARPET INSTALLERS	86 334	1 493	7 117	86	73 673	1 240	4 514	120	528	6	437	41	65	-
CARPENTERS, EXCEPT APPRENTICES	1 275 666	20 225	71 587	1 206	1 119 773	15 961	62 958	2 491	11 780	297	8 548	244	1 020	26
CARPENTER APPRENTICES	9 281	696	620	35	7 756	552	668	83	128	9	81	12	28	5
DRYWALL INSTALLERS	95 170	2 130	8 323	106	81 351	1 787	3 778	196	1 110	13	516	15	92	13
ELECTRICIANS, EXCEPT APPRENTICES	594 781	12 171	22 934	782	534 953	9 336	28 019	1 680	3 274	171	5 224	207	377	15
ELECTRICIAN APPRENTICES	17 833	1 028	925	29	15 608	859	997	110	177	9	91	21	37	9
ELECTRICIAN POWER INSTALLERS AND REPAIRERS	103 062	1 801	3 334	94	92 235	1 351	4 463	279	640	26	355	14	35	12
ELECTRICIAN CONSTRUCTION AND MAINTENANCE	398 019	21 123	38 902	1 787	314 062	19 487	38 585	2 659	475	341	3 668	225	455	12
PAPERHANGERS	12 126	3 120	4 042	52	8 184	2 351	4 866	136	20	13	75	19	53	14
PLASTERERS	28 360	540	4 042	52	19 353	351	4 485	140	250	8	203	19	17	-
PLUMBERS, PIPEFITTERS, & STEAMFITTERS, EXCEPT APPRENTICES	483 423	6 221	25 242	423	420 332	4 735	31 742	931	3 104	81	2 678	51	325	-
PLUMBER, PIPEFITTER, & STEAMFITTER APPRENTICES	12 000	360	435	6	10 790	330	558	17	110	7	141	5	56	-
CONCRETE AND TERRAZZO FINISHERS	74 498	856	10 607	87	45 792	440	16 944	307	758	17	341	5	39	-
GLAZIERS	32 024	1 516	2 112	103	28 201	1 249	1 192	158	169	6	311	13	39	-
INSULATION WORKERS	54 678	2 386	3 756	122	46 323	1 852	3 881	369	387	30	292	13	39	-
PAVING, SURFACING, AND TAMING EQUIPMENT OPERATORS	7 325	235	739	11	5 231	205	1 242	19	78	-	20	-	15	-
ROOFERS	126 025	1 383	10 994	58	98 860	976	13 866	282	1 497	49	682	18	126	-
SHEETMETAL DUCT INSTALLERS	28 602	420	1 417	13	26 070	367	740	28	122	6	247	30	41	-
STRUCTURAL METAL WORKERS	88 164	1 067	4 129	45	77 814	796	4 422	171	1 277	25	481	30	41	-
DRILLERS, EARTH	23 503	507	921	33	21 116	420	1 199	54	202	-	65	-	-	-
CONSTRUCTION TRADES, N.E.C.	143 478	3 278	11 872	210	111 315	2 543	17 576	418	1 868	58	696	49	151	-
EXTRACTIVE OCCUPATIONS	306 405	7 182	18 174	278	272 546	5 880	11 696	813	3 289	169	497	23	203	19
SUPERVISORS, EXTRACTIVE OCCUPATIONS	80 870	1 755	2 970	51	75 847	1 581	1 364	86	550	11	119	14	20	12
DRILLERS, OIL WELL	73 328	936	5 595	33	64 050	787	2 515	95	972	11	151	7	65	-
EXPLOSIVES WORKERS	10 461	2 751	821	6	8 707	284	962	55	122	-	43	-	6	-
MINING MACHINE OPERATORS	90 461	2 751	5 267	97	80 085	2 607	3 830	342	1 136	96	110	9	35	-
MINING OCCUPATIONS, N.E.C.	51 083	1 399	3 521	91	43 877	1 031	3 025	235	509	35	74	77	77	-
PRECISION PRODUCTION OCCUPATIONS	3 632 183	812 125	228 395	78 604	3 102 817	613 297	240 574	88 772	15 781	5 194	41 571	25 281	2 945	972
SUPERVISORS, PRODUCTION OCCUPATIONS	1 605 488	282 570	80 404	23 997	1 405 743	225 446	299 781	27 420	5 832	1 420	12 571	4 009	953	278
PRECISION METAL WORKING OCCUPATIONS	973 998	54 213	973 134	6 134	849 101	48 780	54 480	8 959	4 931	720	10 130	1 256	883	140
TOOL AND DIE MAKERS, EXCEPT APPRENTICES	182 823	3 187	5 133	201	170 704	2 549	5 626	379	353	36	890	379	117	-
TOOL AND DIE MAKER APPRENTICES	7 563	317	235	-	6 953	257	319	60	6	-	45	-	5	-
PRECISION ASSEMBLERS, METAL	17 724	5 937	1 734	739	13 825	4 074	1 767	981	121	-	250	89	27	10
MACHINISTS, EXCEPT APPRENTICES	500 294	25 860	29 916	2 597	428 101	17 764	32 942	4 855	2 319	171	6 368	419	558	54
MACHINIST APPRENTICES	7 775	444	325	12	6 892	393	448	39	46	-	64	-	-	-
BOILERMAKERS	36 622	1 587	1 568	44	32 265	385	2 158	158	397	-	224	-	10	-
PATTERNMAKERS AND MODEL MAKER, METAL	18 607	2 010	506	241	17 130	1 533	607	89	71	5	80	133	15	9
LAY-OUT WORKERS	20 522	933	4 365	138	16 405	1 829	2 698	382	102	11	360	19	24	-
PRECIOUS STONES AND METALS WORKERS (JEWELERS)	25 603	12 369	4 365	1 388	19 179	9 423	853	687	531	396	623	427	52	48
ENGRAVERS, METAL	9 503	5 844	632	412	8 280	4 979	361	403	18	8	207	30	5	12
SHEET METAL WORKERS, EXCEPT APPRENTICES	126 162	5 191	8 106	254	110 081	4 074	5 903	760	878	31	1 124	65	70	7
SHEET METAL WORKER APPRENTICES	604	133	47	11	510	89	168	32	4	-	5	-	-	-
MISCELLANEOUS PRECISION METAL WORKERS	1 787	607	129	42	1 479	489	168	64	4	-	7	12	-	-

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UNITED STATES	SPANISH ORIGIN ¹				NOT OF SPANISH ORIGIN				ASIAN AND PACIFIC ISLANDER				RACE, N.E.C.							
	TOTAL				WHITE				BLACK				AMERICAN INDIAN, ESKIMO, AND ALEUT				MALE		FEMALE	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE		
CIVILIAN LABOR FORCE, 16 YEARS AND OVER--CON.																				
OCCUPATIONS--CON.																				
PRECISION PRODUCTION OCCUPATIONS--CON.																				
PRECISION WOODWORKING OCCUPATIONS	101 661	16 770	7 716	792	86 561	13 167	6 044	2 529	345	134	896	148	99							
PATTERNMAKERS AND MODEL MAKERS, WOOD...	4 462	128	115	6	4 246	119	57	3	8		36									
CABINET MAKERS AND BENCH CARPENTERS	70 926	5 910	5 253	417	61 567	4 831	3 194	564	249	57	585	41	78							
FURNITURE AND WOOD FINISHERS	22 423	9 535	2 087	261	17 448	7 268	2 537	1 869	69	77	261	54	21							
MISCELLANEOUS PRECISION WOODWORKERS	3 850	1 197	261	102	3 500	949	256	93	19		14	53								
PRECISION TEXTILE, APPAREL, AND FURNISHINGS																				
MACHINE WORKERS	125 971	153 695	21 377	17 478	89 595	111 066	11 853	15 888	629	1 048	2 417	8 020	190							
DRESSMAKERS	6 805	97 154	1 208	11 890	4 597	86 264	1 061	2 339	53	753	224	0 395	20							
TAILORS	37 567	24 458	7 575	3 064	24 771	17 279	1 095	2 771	88	115	1 119	1 200	89							
UPHOLSTERERS	54 455	14 440	9 130	741	39 998	12 246	4 397	1 263	354	45	460	103	16							
SHOE REPAIRERS	21 903	9 691	3 067	812	16 077	8 082	2 182	638	91	130	47	139	16							
APPAREL AND FABRIC PATTERNMAKERS	2 000	2 197	166	223	1 734	1 729	49	101	43	57	254		5							
MISC. PRECISION APPAREL AND FABRIC WORKERS	3 241	5 755	231	748	2 686	3 812	229	684												
PRECISION WORKERS, ASSORTED MATERIALS	174 611	152 731	15 802	19 478	138 813	109 087	14 343	13 994	716	1 086	5 435	8 869	202							
HAND MOLERS AND SHAPERS, EXCEPT JEWELERS	31 679	5 444	3 244	453	23 139	4 154	4 958	703	164	59	162	69	12							
PATTERNMAKERS, LAY-OUT WORKERS, AND CUTTERS	7 182	2 208	436	120	6 364	1 707	326	164	17	32	33	98	6							
OPTICAL GOODS WORKERS	27 861	19 011	1 790	1 347	24 309	16 346	1 115	840	101	89	538	376	8							
DENTAL LAB. & MEDICAL APPLIANCE TECHNICIANS	33 006	15 740	2 810	1 444	26 519	13 150	1 801	964	110	107	1 726	557	32							
BOOKBINDERS	13 164	17 664	1 013	1 493	10 786	13 993	1 096	1 883	20	77	211	201	38							
ELECTRICAL AND ELECTRONIC EQUIPMENT ASSEMBLERS	27 256	85 282	3 638	14 421	18 408	54 004	8 572	2 655	8 572	140	677	7 467	68							
MISCELLANEOUS PRECISION WORKERS, N.E.C.	34 463	7 382	2 863	612	28 588	5 733	2 392	868	164	52	392	101	38							
PRECISION FOOD PRODUCTION OCCUPATIONS	337 587	100 933	36 208	7 979	282 989	75 242	30 971	14 717	1 437	596	5 654	2 296	103							
BUTCHERS AND MEAT CUTTERS	251 489	42 957	25 603	3 993	195 151	38 183	21 235	9 291	1 113	351	4 151	1 076	328							
BAKERS	69 321	47 649	8 496	2 595	51 127	37 936	4 676	4 229	225	152	1 208	967	76							
FOOD BATCHMAKERS	16 777	10 327	2 109	1 391	12 671	7 133	1 397	674	124	124	1 372	253	36							
PRECISION INSPECTORS, TESTERS, & RELATED WORKERS	75 107	29 556	3 724	2 383	64 977	22 829	4 676	3 274	1 674	327	1 366	598	75							
INSPECTORS, TESTERS, & GRADERS	74 030	27 359	3 688	2 084	64 010	21 169	4 617	3 366	274	169	1 366	598	75							
ADJUSTERS AND CALIBRATORS	1 077	2 597	36	299	967	1 660	59	594					9							
PLANT AND SYSTEM OPERATORS	237 759	9 441	8 951	363	205 788	7 680	18 426	1 270	1 557	66	2 831	56	206							
WATER AND SEWAGE TREATMENT PLANT OPERATORS	32 233	1 062	1 131	72	27 857	868	7 229	1 118	229	56	252	4	35							
POWER PLANT OPERATORS	26 393	1 357	594	50	23 798	1 097	1 581	198	205	10	205	5	10							
STATIONARY ENGINEERS	129 221	4 169	4 395	178	112 412	3 452	9 542	466	726	32	2 030	35	116							
MISCELLANEOUS PLANT AND SYSTEM OPERATORS	49 912	2 853	2 831	63	41 721	2 263	4 574	488	397	27	344	12	45							
OPERATORS, FABRICATORS, AND LABORERS	14 501 489	5 486 486	1 185 717	545 013	11 095 034	3 918 251	1 981 625	867 203	95 770	33 917	130 089	116 028	13 254							
MACHINE OPERATORS, ASSEMBLERS, & INSPECTORS	5 979 555	4 102 014	539 983	428 858	4 556 231	2 888 170	779 067	657 707	32 638	23 933	65 458	98 678	4 648							
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	3 862 464	2 681 581	359 456	291 399	3 506 908	2 396 771	522 436	446 584	19 294	15 597	40 706	67 219	2 987							
METALWORKING & PLASTIC WORKING MACH. OPERATORS	648 729	144 609	45 877	8 830	532 852	114 739	81 538	19 053	2 948	712	4 851	1 167	108							
LATHE AND TURNING MACHINE SET-UP OPERATORS	52 354	10 574	2 778	165	45 582	2 911	3 459	1 046	355	14	292	21	67							
LATHE AND TURNING MACHINE OPERATORS	109 024	10 574	5 127	414	98 010	8 960	4 459	1 046	355	44	894	92	18							
MILLING AND PLANING MACHINE OPERATORS	19 743	1 956	957	34	17 457	1 715	956	151	76	33	280	23	17							
PUNCHING AND STAMPING PRESS MACHINE OPERATORS	120 935	56 791	9 534	3 626	95 363	45 377	14 034	7 286	667	185	789	279	38							
ROLLING MACHINE OPERATORS	2 219	2 191	87	87	14 280	1 812	2 155	274	59	19	33	27	5							
DRILLING AND BORING MACHINE OPERATORS	52 734	14 272	2 584	873	46 269	11 577	3 283	1 580	229	83	380	146	29							
GRINDING, ABRADING, BUFFING, AND POLISHING																				
MACHINE OPERATORS	230 924	48 923	21 842	3 469	177 693	37 294	27 927	7 319	1 207	299	2 014	503	39							
FORGING MACHINE OPERATORS	14 788	1 103	867	48	12 179	833	1 571	212	59	7	105	2	7							
NUMERICAL CONTROL MACHINE OPERATORS	2 572	229	154	4	2 213	220	192	5	6											
MISCELLANEOUS METAL, PLASTIC, STONE, AND GLASS																				
WORKING MACHINE OPERATORS	28 553	4 964	1 104	110	23 852	3 960	3 412	793	94	27	64	74	27							
FABRICATING MACHINE OPERATORS, N.E.C.	22 895	12 337	2 182	795	18 234	9 078	2 219	1 385	92	82	163	80	5							
METAL AND PLASTIC PROCESSING MACHINE OPERATORS	178 177	54 504	16 832	3 582	135 632	50 928	23 557	9 982	23 557	9 982	1 438	501	23							
HOLDING AND CASTING MACHINE OPERATORS	103 617	34 640	8 535	2 733	81 033	33 415	12 766	7 792	472	273	760	403	85							
METAL PLATING MACHINE OPERATORS	37 158	6 709	5 307	620	26 777	5 315	4 332	668	201	16	441	54	100							
HEAT TREATING MACHINE OPERATORS	23 521	1 402	1 363	78	18 873	1 066	3 045	235	83	16	129	7	28							
MISCELLANEOUS METAL AND PLASTIC PROCESSING																				
MACHINE OPERATORS	13 878	1 733	1 627	151	8 939	1 197	2 994	335	136	13	162	37	20							

¹ PERSONS OF SPANISH ORIGIN MAY BE OF ANY RACE.

Table 1. Detailed Occupation of the Civilian Labor Force by Sex, Race, and Spanish Origin: 1980—Con.

(DATA BASED ON SAMPLE, SEE TEXT. FOR DEFINITIONS OF TERMS AND MEANING OF SYMBOLS, SEE TEXT.)

UNITED STATES	TOTAL			SPANISH ORIGIN ¹			NOT OF SPANISH ORIGIN				AMERICAN INDIAN, ESKIMO, AND ALEUT		BLACK		WHITE		ASIAN AND PACIFIC ISLANDER		RACE, N.E.C.	
	MALE	FEMALE		MALE	FEMALE		MALE	FEMALE		MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	
CIVILIAN LABOR FORCE, 16 YEARS AND OVER--CON.	138 382	23 590		7 216	1 453		112 330	18 458		16 520	3 213	1 453	210	784	240	79	16			
OPERATORS, FABRICATORS, AND LABORERS--CON.	95 374	12 453		4 807	778		77 371	9 774		12 086	1 602	1 117	36	489	154	44	9			
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS--CON.	5 705	3 677		334	251		4 511	2 871		504	234	23	36	35	58	16	7			
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION--CON.	3 109	1 635		303	159		2 452	1 272		312	165	23	38	21	24	6				
WOODWORKING MACHINE OPERATORS	26 017	119 764		1 409	517		21 996	3 840		2 749	765	239	38	211	24	13				
SAWING, ROUTING, & PLANING MACH. OPERATORS	520 053	50 446		20 632	3 152		274 204	102 446		22 902	9 214	1 238	467	3 708	1 396	334	127			
SHAPING AND TAPPING MACHINE OPERATORS	20 083	17 822		1 823	1 068		207 694	40 683		19 711	5 118	953	227	2 955	616	284	58			
MISCELLANEOUS WOODWORKING MACHINE OPERATORS	30 988	50 086		1 782	3 159		29 394	40 483		19 711	5 118	953	227	2 955	616	284	58			
PRINTING MACHINE OPERATORS	31 208	39 310		1 194	1 068		18 816	30 321		1 194	1 068	111	116	355	92	12	51			
PHOTODUPLICATION AND LITHOGRAPHERS	31 208	39 310		1 194	1 068		18 816	30 321		1 194	1 068	111	116	355	92	12	51			
TYPESETTERS AND COMPOSITORS	31 208	39 310		1 194	1 068		18 816	30 321		1 194	1 068	111	116	355	92	12	51			
MISCELLANEOUS PRINTING MACHINE OPERATORS	303 442	1 228 580		38 660	162 895		190 578	868 800		50 937	237 873	1 522	102	6 325	49 778	154	18			
TEXTILE, APPAREL, & FURNISHING MACH. OPERATORS	27 637	83 775		657	1 239		20 504	80 720		6 260	20 917	118	416	84	478	14	5			
KNITTING, LOOPING, TAPING, AND WEAVING MACHINE OPERATORS	26 330	48 567		1 939	1 277		19 099	34 967		4 958	10 989	135	86	193	466	6	22			
TEXTILE CUTTING MACHINE OPERATORS	4 864	4 416		684	507		3 275	2 947		808	834	42	39	43	99	12				
TEXTILE SEWING MACHINE OPERATORS	53 624	860 848		14 659	129 471		27 917	558 763		8 618	123 097	268	4 867	2 001	43 536	161	154			
SHOE MACHINE OPERATORS	19 915	56 530		2 345	3 065		16 281	48 495		1 157	3 883	78	267	35	391	19	267			
PRESSING MACHINE OPERATORS	26 716	80 571		5 582	10 233		12 174	38 833		7 190	29 617	108	508	1 592	1 268	70	152			
LAUNDERING AND DRY CLEANING MACHINE OPERATORS	65 388	121 657		6 993	13 030		42 958	74 163		13 054	30 486	346	1 043	1 945	2 782	92	153			
MISCELLANEOUS TEXTILE MACHINE OPERATORS	78 988	72 216		5 801	4 023		54 370	49 592		17 892	17 745	430	344	432	426	63	84			
MACHINE OPERATORS, ASSORTED MATERIALS	2 247 799	988 585		228 057	110 162		1 646 673	690 287		336 163	167 119	11 146	5 496	23 437	14 397	2 323	1 134			
CEMENTING AND GLUING MACHINE OPERATORS	19 158	17 378		1 730	1 236		14 061	13 232		3 068	2 490	160	160	118	150	21	10			
PACKAGING AND FILLING MACHINE OPERATORS	56 113	65 029		6 857	8 424		39 486	44 486		8 626	9 972	283	521	813	1 570	44	56			
EXTRUDING AND FORMING MACHINE OPERATORS	21 559	3 537		1 328	213		18 209	2 780		1 781	457	104	56	125	31	12				
MIXING AND BLENDING MACHINE OPERATORS	99 328	12 268		7 338	830		72 801	9 027		17 690	2 057	459	96	957	246	83	12			
SEPARATING, FILTERING, AND CLARIFYING MACHINE OPERATORS	66 374	6 180		3 143	481		54 547	4 311		7 900	322	38	38	441	63	21				
COMPRESSING & COMPACTING MACHINE OPERATORS	15 857	6 761		1 188	517		11 495	5 022		2 950	1 109	79	25	131	63	14	25			
PAINTING AND PAINT SPRAYING MACH. OPERATORS	143 719	27 419		17 843	2 330		107 169	20 850		16 481	3 697	769	153	1 310	292	147	37			
ROASTING & BAKING MACH. OPERATORS, FOOD	6 178	1 044		575	68		4 534	759		1 013	181	22	14	34	22					
WASHING, CLEANING, & PICKLING MACHINE OPERATORS	6 992	2 293		564	246		5 200	1 498		1 113	481	45	17	70	51					
FURRING MACHINE OPERATORS	13 292	20 453		1 485	1 337		9 373	15 589		2 258	3 850	36	104	133	257	7	16			
CRUISING AND GRINDING MACHINE OPERATORS	146 322	7 473		8 026	388		115 368	5 846		21 477	1 285	657	61	683	81	111	12			
SLICING AND CUTTING MACHINE OPERATORS	48 112	4 466		3 982	557		35 821	2 792		7 708	1 004	312	28	282	85	107				
MOTION PICTURE PROJECTONISTS	149 231	61 462		16 217	6 819		111 505	44 004		19 333	9 195	852	446	1 223	685	101	113			
PHOTOGRAPHIC PROCESS MACHINE OPERATORS	43 110	44 826		2 505	2 977		11 630	1 126		693	71	66	4	172	28	53	48			
MISC. AND NOT SPECIFIED MACHINE OPERATORS	1 400 286	702 082		154 306	83 340		1 001 431	479 403		220 582	125 804	6 816	3 470	15 567	9 760	1 624	765			
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	467 095	231 591		43 114	21 112		352 830	167 609		63 522	37 944	2 344	1 219	4 760	3 508	326	159			
MACHINE OPERATORS, NOT SPECIFIED	933 201	471 011		111 192	62 228		648 601	311 794		157 520	87 860	4 472	2 251	10 807	6 262	1 099	586			
MANUFACTURING	1 950 211	622 810		132 937	75 386		855 705	425 309		186 126	109 932	5 328	2 960	12 832	8 499	1 283	734			
NONDURABLE GOODS	450 403	276 725		49 146	34 860		318 469	186 218		75 758	50 297	2 214	1 350	8 428	5 762	352	258			
DURABLE GOODS	743 808	346 085		83 791	40 526		537 236	239 691		110 368	59 635	3 114	1 640	8 428	4 717	441	450			
NONMANUFACTURING INDUSTRIES	206 085	79 792		21 369	7 954		145 726	54 094		34 426	15 872	1 488	510	2 735	1 291	341	1			
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	1 670 608	952 527		165 510	94 252		1 279 975	682 062		211 679	145 972	11 177	5 613	19 537	23 365	1 730	1 243			
MELDERS AND CUTTERS	744 585	46 443		62 697	3 588		592 325	33 921		75 313	8 528	6 629	333	6 928	479	34	34			
SOLDIERS AND BRAZERS	26 457	3 494		1 746	3 494		4 997	19 114		541	2 920	18	179	157	676	10	74			
ASSEMBLERS	858 542	841 158		84 373	83 267		629 111	600 637		128 490	129 980	4 045	4 744	11 578	21 277	945	1 053			
HAND CUTTING AND TRIMMING OCCUPATIONS	11 028	6 956		1 393	928		7 968	4 336		1 364	1 155	83	41	196	490	29	6			
HAND MOLDING, CASTING, AND FORMING OCCUPATIONS	12 127	6 198		1 264	591		9 340	4 953		1 324	527	81	50	112	61	6	16			
HAND PAINTING, COATING, & DECORATING OCCUPATIONS	29 670	11 245		2 401	848		23 620	8 927		2 931	1 244	228	88	449	113	41	5			
HAND ENGRAVING AND PRINTING OCCUPATIONS	1 463	679		81	50		1 278	516		102	65	2	11	35	44	4	4			
HAND GRINDING AND POLISHING OCCUPATIONS	2 027	831		320	122		1 417	552		239	99	16	14	35	44	4	4			
MISCELLANEOUS HAND WORKING OCCUPATIONS	12 697	12 560		1 235	1 235		9 919	9 336		1 375	1 454	75	153	82	282	11	21			
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND MEASURERS	437 483	467 906		25 017	41 207		359 732	350 313		44 952	65 151	2 167	2 723	5 215	8 374	400	418			
PRODUCTION TESTERS, CHECKERS, AND EXAMINERS	348 499	375 129		17 224	25 255		291 141	289 758		34 560	52 248	1 480	2 034	3 752	5 562	332	352			
PRODUCTION SAMPLERS AND MEASURERS	39 631	19 361		2 121	1 449		33 130	14 915		3 360	2 446	146	73	849	471	26	7			
GRADERS AND SORTERS, EXC. AGRICULTURAL	5 548	69 403		569	1 751		4 249	2 586		6 353	9 915	34	23	43	106	4	4			
PERSONS OF SPANISH ORIGIN MAY BE OF ANY RACE.	43 815	5 103		5 103	13 751		31 212	43 054		6 379	9 915	507	593	571	1 995	43	65			

¹ PERSONS OF SPANISH ORIGIN MAY BE OF ANY RACE.

Table 1. Detailed Occupation of the Civilian Labor Force by Sex, Race, and Spanish Origin: 1980—Con.

	TOTAL				SPANISH ORIGIN ¹				NOT OF SPANISH ORIGIN								RACE, N.E.C.	
	MALE		FEMALE		MALE		FEMALE		WHITE				BLACK				ASIAN AND PACIFIC ISLANDER	
									MALE	FEMALE			MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
UNITED STATES																		
CIVILIAN LABOR FORCE, 16 YEARS AND OVER--CON.																		
OPERATORS, FABRICATORS, AND LABORERS--CON.																		
TRANS. AND MATERIAL MOVING OCCUPATIONS.	4 445 158	375 164	267 307	17 315	3 552 982	304 050	565 781	48 442	29 854	3 098	26 074	2 092	3 200	167				
MOTOR VEHICLE OPERATORS.	2 900 821	299 283	178 114	10 515	2 476 535	247 535	399 497	37 248	17 996	2 533	18 858	1 411	2 181	122				
SUPERVISORS, MOTOR VEHICLE OPERATORS.	1 850 493	48 082	100 052	1 990	1 426 892	46 892	2 289	111	12 143	561	6 902	175	1 095	13				
TRUCK DRIVERS, HEAVY.	512 671	37 989	37 357	1 770	412 823	35 368	23 346	6 858	12 463	207	4 997	235	339	41				
TRUCK DRIVERS, LIGHT.	170 934	13 874	7 086	4 463	153 010	12 641	9 328	1 185	9 284	107	1 061	606	86	54				
DRIVER-SALES WORKERS.	209 379	176 955	11 816	4 946	142 047	147 679	51 510	23 442	1 497	1 314	3 101	210	392	14				
BUS DRIVERS.	166 990	21 603	16 351	1 004	107 977	16 178	31 936	5 936	1 477	1 383	3 210	198	392	14				
TAXICAB DRIVERS AND CHAUFFEURS.	33 740	3 209	4 084	269	20 466	2 200	8 046	512	1 633	20	677	68	84					
PARKING LOT ATTENDANTS.	3 438	209	284		2 553	153	504	56	41		56							
MOTOR TRANSPORTATION OCCUPATIONS, N.E.C.. . . .																		
TRANSPORTATION OCCUPATIONS, EXCEPT MOTOR VEHICLE. .	283 604	5 523	9 266	241	249 520	4 444	21 763	708	1 682	86	1 180	44	193					
RAIL TRANSPORTATION OCCUPATIONS.	209 072	3 468	5 859	128	184 577	2 810	17 343	475	868	31	325	24	100					
RAILROAD CONDUCTORS AND YARDMASTERS.	46 531	763	736	42	43 110	641	2 495	66	115	5	50	9	25					
LOCOMOTIVE OPERATING OCCUPATIONS.	81 786	1 232	1 896	51	63 187	944	6 379	124	298	16	143	5	23					
RAILROAD BRAKE, SIGNAL, AND SWITCH OPERATORS.	81 736	1 183	2 854	51	70 174	1 006	7 571	216	379	16	143	5	23					
RAIL VEHICLE OPERATORS, N.E.C..	290	373	3 373		7 556	373	898	69	76	2	36		52					
WATER TRANSPORTATION OCCUPATIONS.	74 532	2 955	3 407	113	64 943	1 634	4 420	233	814	55	20		93					
SHIP CAPTAINS AND MATES, EXCEPT FISHING BOATS.	32 759	652	889	35	30 422	527	807	59	423	15	188	16	40					
SAILORS AND DECKHANDS.	33 340	890	2 260	63	27 004	676	3 085	113	336	34	586	4	69					
BRIDGE ENGINEERS.	3 681	78	188	6	3 199	53	204	19	26		64							
ENGINEERS, LOCK, AND LIGHTHOUSE TENDERS.	4 752	435	70	9	4 318	378	324	42	29	6	7		4					
MATERIAL MOVING EQUIPMENT OPERATORS.	1 181 393	70 277	79 927	6 559	939 907	52 071	144 521	10 486	10 176	479	6 036	637	826	45				
SUPERVISORS, MATERIAL MOVING EQUIPMENT OPERATORS. .	20 418	1 552	1 466	28	25 474	1 125	14 086	82	126	11	231		13					
OPERATING ENGINEERS.	235 587	3 239	11 870	160	204 689	2 426	14 499	466	3 209	94	1 178	56	142	8				
LONGSHORE EQUIPMENT OPERATORS.	4 137	128	395	4	2 894	108	1 418	20	62		126							
HOIST AND WINCH OPERATORS.	31 166	723	2 998	19	25 894	108	1 418	20	62		126							
CRANE AND TOWER OPERATORS.	128 622	2 751	7 006	147	102 281	1 628	16 688	76	479	13	104	7	23					
EXCAVATING AND LOADING MACHINE OPERATORS.	81 413	1 505	4 087	125	72 031	1 381	4 298	113	722	32	580	35	97	4				
GRADER, DOZER, AND SCRAPER OPERATORS.	1 013	1 013	2 595	23	71 129	1 752	4 298	113	722	32	580	35	97	4				
INDUSTRIAL TRUCK AND TRACTOR EQUIPMENT OPERATORS. .	415 004	20 408	36 834	1 366	299 366	15 607	73 081	3 130	3 065	150	2 404	150	34	5				
MISC. MATERIAL MOVING EQUIPMENT OPERATORS.	176 479	39 258	12 666	4 658	137 974	28 334	23 575	5 723	1 016	141	1 071	374	157	28				
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS.	4 076 776	1 009 308	378 427	98 840	2 985 861	726 031	636 777	161 054	33 278	6 886	38 557	15 258	3 876	1 239				
SUPERVISORS, HANDLERS, EQUIPMENT CLEANERS, AND LABORERS, N.E.C..	8 642	1 578	1 177	34	7 231	1 196	1 128	326	37	9	64	13	5					
HELPERS, MECHANICS AND REPAIRERS.	26 578	1 499	3 215	147	19 047	1 059	3 684	252	244	13	356	18	32					
HELPERS, CONSTRUCTION AND EXTRACTIVE OCCUPATIONS. .	152 101	6 819	15 668	504	117 258	5 151	16 639	955	1 562	141	851	62	123	6				
HELPERS, CONSTRUCTION TRADES.	121 487	4 865	13 222	321	91 419	3 452	14 925	765	1 119	80	696	41	109	6				
HELPERS, SURVEYOR.	10 326	760	496	5	9 193	1 333	455	69	110	37	72	16						
HELPERS, EXTRACTIVE OCCUPATIONS.	20 288	1 394	1 786	178	16 649	1 066	1 259	121	333	24	83	14						
CONSTRUCTION LABORERS.	833 937	27 286	89 239	2 199	587 016	18 994	143 594	5 401	8 947	505	4 421	178	760	9				
PRODUCTION HELPERS.	98 971	22 012	11 804	2 593	70 646	14 902	14 390	4 033	722	107	1 304	534	105	43				
FREIGHT, STOCK, AND MATERIAL HANDLERS.	1 180 774	213 194	83 952	11 644	906 094	171 345	170 137	25 975	6 770	1 280	12 746	2 693	1 075	257				
GARBAGE COLLECTORS.	74 302	2 275	6 233	112	41 450	1 182	25 400	955	371	28	384	18	54					
STEVEDORES.	21 684	318	2 530	55	11 206	118	7 482	130	238	26	266	15	9					
STOCK HANDLERS AND BAGGERS.	560 363	148 988	38 003	7 934	465 465	125 837	45 436	12 120	2 328	782	8 656	239	492	173				
MACHINE FEEDERS AND OFFBEARERS.	77 403	35 238	5 042	2 060	57 161	25 897	14 028	6 765	2 635	262	458	269	76	35				
FREIGHT, STOCK, AND MATERIAL HANDLERS, N.E.C.. . . .	447 025	26 375	32 135	1 484	330 632	18 350	77 801	6 003	3 101	203	2 952	257	414	38				
GARAGE AND SERVICE STATION RELATED OCCUPATIONS. . .	314 950	27 125	17 865	984	264 862	23 828	25 730	1 773	3 969	267	3 912	273	212					
VEHICLE WASHERS AND EQUIPMENT CLEANERS.	125 600	22 301	12 652	1 746	85 800	15 375	35 047	4 698	4 698	161	1 219	294	105	27				
HAND PACKERS AND PACKAGERS.	206 834	415 925	52 576	52 576	134 623	293 021	35 525	60 657	1 119	2 016	3 012	7 063	336	592				
LABORERS, EXCEPT CONSTRUCTION.	1 128 789	271 569	111 636	26 613	793 284	181 150	200 943	56 984	11 131	2 387	10 672	4 130	1 123	305				
MANUFACTURING.	486 417	152 679	49 234	15 574	327 902	101 714	92 138	32 067	3 110	1 029	3 527	2 147	506	148				
NONDURABLE GOODS.	184 042	80 943	20 070	8 773	124 207	52 601	36 398	17 541	1 325	614	1 862	1 345	180	69				
DURABLE GOODS.	302 375	71 736	29 164	6 801	213 695	49 113	55 740	14 526	1 785	415	1 665	802	326	79				
TRANS., COMMUNICATIONS, & OTHER PUB. UTILITIES. . .	155 580	12 013	15 106	1 011	104 111	7 789	33 053	2 957	2 151	105	1 070	138	89	13				
WHOLESALE AND RETAIL TRADE.	280 285	61 840	26 060	5 903	212 192	42 990	37 238	11 197	4 129	915	3 787	1 138	261	70				
ALL OTHER INDUSTRIES.	206 507	45 237	21 236	4 125	140 079	28 657	38 514	10 763	4 129	915	2 288	1 707	261	70				
UNEMPLOYED, NO CIVILIAN WORK EXPERIENCE SINCE 1975. .	300 935	430 806	31 999	41 777	166 695	252 200	93 362	124 386	2 900	3 746	5 503	7 993	476	704				

¹ PERSONS OF SPANISH ORIGIN MAY BE OF ANY RACE.

18 Table 2. Detailed Occupation of the Civilian Labor Force by Sex and Total Race: 1980

(DATA BASED ON SAMPLE, SEE TEXT. FOR DEFINITIONS OF TERMS AND MEANING OF SYMBOLS, SEE TEXT.)

UNITED STATES	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO, AND ALUT		ASIAN AND PACIFIC ISLANDER		RACE, N.E.C.	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
CIVILIAN LABOR FORCE, 16 YEARS AND OVER	59 926 488	44 523 329	51 884 626	37 307 269	5 330 792	5 251 644	333 571	250 908	947 280	825 596	1 430 219	887 912
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	13 457 369	9 196 289	12 411 595	8 073 437	573 688	804 433	45 180	41 645	306 679	190 528	120 227	86 246
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	7 209 661	3 168 857	6 717 427	2 830 044	280 972	229 804	23 751	15 347	122 147	60 758	65 364	32 904
LEGISLATORS	7 112	3 557	6 281	3 256	405	166	253	65	118	48	55	22
CHIEF EXECUTIVES AND GENERAL ADMINISTRATORS, PUBLIC ADMINISTRATORS,	27 458	8 319	23 131	6 295	3 160	1 675	433	111	269	148	465	90
ADMINISTRATORS & OFFICIALS, PUBLIC ADMINISTRATION, ADMINISTRATORS, PROTECTIVE SERVICES	196 465	99 518	176 373	85 543	13 559	11 114	1 891	854	2 702	1 376	1 940	931
FINANCIAL MANAGERS,	23 769	2 468	22 565	2 093	829	280	144	21	98	10	133	58
PERSONNEL AND LABOR RELATIONS MANAGERS,	281 218	128 626	266 814	119 376	6 882	6 050	429	332	5 368	1 735	1 707	1 133
PURCHASING MANAGERS,	140 747	79 198	128 220	70 347	8 227	6 317	469	305	1 832	1 179	1 999	1 050
MANAGERS, MARKETING, ADVERTISING, & PUB. RELATIONS, ADMINISTRATORS, EDUCATION AND RELATED FIELDS,	56 088	15 111	53 434	13 652	1 466	1 025	137	46	1 032	239	348	149
MANAGERS, MEDICINE AND HEALTH,	567 362	121 513	549 364	114 425	9 166	4 370	1 045	351	5 530	1 588	2 257	837
MANAGERS, PROPERTIES AND REAL ESTATE,	239 766	147 772	214 777	124 056	20 250	19 452	1 107	1 107	1 780	1 588	2 005	1 569
POSTMASTERS AND MAIL SUPERINTENDENTS,	54 883	56 298	49 325	48 858	3 825	5 683	212	373	1 364	882	385	545
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED, MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED,	17 835	82 237	105 355	74 983	7 821	4 905	608	517	1 364	882	2 587	950
ACCOUNTANTS AND AUDITORS,	36 786	3 510	33 290	2 751	3 205	1 222	109	41	81	62	94	37
UNDERWRITERS,	17 731	13 632	16 955	13 270	3 100	2 510	58	30	121	109	151	14
OTHER FINANCIAL OFFICERS,	3 404 917	1 253 749	3 184 827	1 140 216	113 648	76 587	10 289	5 790	55 220	18 934	30 484	17 117
PERSONNEL, TNG., AND LABOR RELATIONS SPECIALISTS, PURCHASING AGENTS AND BUYERS, FARM PRODUCTS, BUYERS, WHOLESALE AND RETAIL TRADE, EXCEPT FARM PRODUCTS,	419 692	154 149	388 471	140 698	12 454	4 155	1 389	679	12 321	6 181	5 082	1 836
MANAGEMENT RELATED OCCUPATIONS,	1 618 122	999 200	1 488 245	870 425	75 395	86 524	5 351	4 655	33 944	26 280	15 157	11 550
ACCOUNTANTS AND AUDITORS,	626 259	386 846	571 117	333 628	23 476	30 892	1 331	1 421	19 982	16 280	4 661	3 751
UNDERWRITERS,	223 433	180 318	260 871	164 058	7 498	11 074	517	669	3 675	3 156	1 666	1 034
OTHER FINANCIAL OFFICERS,	88 652	29 829	83 594	26 413	3 034	2 501	236	177	1 299	3 605	1 774	1 032
PERSONNEL, TNG., AND LABOR RELATIONS SPECIALISTS, PURCHASING AGENTS AND BUYERS, FARM PRODUCTS, BUYERS, WHOLESALE AND RETAIL TRADE, EXCEPT FARM PRODUCTS,	17 933	1 547	17 110	1 396	20 309	26 234	1 339	1 315	2 705	3 156	2 954	1 623
PURCHASING AGENTS AND BUYERS, N.E.C.,	93 192	74 639	88 651	69 928	2 235	3 233	214	200	1 377	1 083	715	595
BUSINESS AND PROMOTION AGENTS,	130 769	60 979	123 762	55 813	4 277	3 810	477	268	1 272	618	470	281
CONSTRUCTION INSPECTORS,	13 780	6 827	12 611	6 329	806	327	34	25	140	79	189	67
INSPECTORS & COMPLIANCE OFFICERS, EXCEPT CONSTR., MANAGEMENT RELATED OCCUPATIONS, N.E.C.,	48 413	2 479	44 121	1 925	2 654	412	367	8	704	62	58	42
INSPECTORS & COMPLIANCE OFFICERS, EXCEPT CONSTR., MANAGEMENT RELATED OCCUPATIONS, N.E.C.,	128 935	27 909	115 431	21 461	9 186	4 756	675	260	2 083	546	563	486
ENGINEERS, ARCHITECTS, AND SURVEYORS,	14 476	16 449	13 138	13 838	913	2 372	163	90	171	204	151	143
ENGINEERS, ARCHITECTS, AND SURVEYORS,	6 247 708	6 027 432	5 694 168	5 243 393	292 716	574 629	21 429	26 298	184 532	129 770	54 863	43 342
ARCHITECTS,	1 465 220	75 080	1 352 694	64 644	34 627	4 871	3 657	291	64 863	3 110	9 039	864
ENGINEERS,	98 743	8 950	91 012	8 119	2 703	310	193	30	3 863	35	872	96
AEROSPACE,	1 336 164	64 809	1 242 918	54 603	31 499	4 517	3 185	243	60 753	2 764	7 802	741
METALLURGICAL AND MATERIALS,	85 422	2 869	79 175	2 435	1 493	221	234	21	4 177	174	54	40
MINING,	23 260	1 279	21 726	1 126	1 469	80	25	21	803	46	14	6
PETROLEUM,	6 700	341	6 276	319	100	126	61	17	198	14	25	5
CHEMICAL,	22 235	819	21 195	733	315	31	105	6	485	44	135	5
NUCLEAR,	5 487	3 015	50 082	2 579	456	205	70	29	3 134	184	244	29
CIVIL,	8 897	343	8 087	304	134	10	22	11	604	18	45	11
AGRICULTURAL,	198 029	6 006	178 792	5 154	4 777	373	572	24	12 388	356	1 500	99
ELECTRICAL AND ELECTRONIC,	4 115	3 907	3 907	353	8 62	1 23	4	7	122	7	20	20
INDUSTRIAL,	306 695	16 179	281 829	13 772	4 506	1 420	14	14	14 116	688	1 853	235
MACHINISTS,	174 968	19 354	165 479	17 494	4 420	1 325	369	108	7 539	400	1 061	227
MEDICAL AND NAVAL ARCHITECTS,	193 579	4 071	180 312	3 554	314	34	509	11	7 448	162	893	11
ENGINEERS, N.E.C.,	16 367	9 151	15 446	8 581	559	656	53	12	13 718	583	1 253	78
MATHEMATICAL AND COMPUTER SCIENTISTS,	28 213	9 328	23 612	8 122	5 725	44	234	12	13 718	583	1 253	78
STATISTICIANS,	244 129	81 318	234 064	74 567	9 337	7 756	634	32	8 578	3 030	1 419	624
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS, OPERATIONS AND SYSTEMS RESEARCHERS AND ANALYSTS, ACTUARIES,	157 140	45 511	144 213	39 707	6 129	3 470	374	163	5 535	1 806	880	345
STATISTICIANS,	58 475	22 441	53 665	19 248	2 418	2 418	175	81	1 561	377	133	133
MATHEMATICAL SCIENTISTS, N.E.C.,	15 684	6 337	7 326	2 465	91	94	2	57	259	78	6	146
NATURAL SCIENTISTS,	15 188	14 516	13 979	12 201	793	1 595	57	57	746	517	106	146
PHYSICISTS AND ASTRONOMERS,	5 188	4 675	4 675	3 666	248	179	25	25	200	68	40	40
CHEMISTS, EXCEPT BIOCHEMISTS,	251 535	62 660	230 451	53 360	8 144	3 954	963	286	10 258	4 488	1 719	572
ATMOSPHERIC AND SPACE SCIENTISTS,	21 253	1 220	19 590	1 121	3 420	41	30	18	1 160	40	153	18
GEOLOGISTS AND GEODESISTS,	81 599	20 540	72 000	16 310	3 420	1 475	156	68	5 368	2 414	533	273
PHYSICAL SCIENTISTS, N.E.C.,	6 985	1 429	6 489	1 258	281	129	45	2	106	31	65	9
AGRICULTURAL AND FOOD SCIENTISTS,	40 985	5 442	39 519	4 829	488	205	93	10	623	91	262	7
AGRICULTURAL AND FOOD SCIENTISTS,	6 874	1 767	6 358	1 521	311	196	4	5	143	28	58	17
BIOLOGICAL AND LIFE SCIENTISTS,	19 009	5 880	17 578	4 894	811	437	59	37	1 499	198	108	14
FORESTRY AND CONSERVATION SCIENTISTS,	30 840	15 239	28 206	13 224	963	817	60	63	1 499	198	108	14
MEDICAL SCIENTISTS,	31 985	3 982	30 050	3 185	963	817	60	63	1 499	198	108	14
11 904	8 161	10 661	7 018	466	443	466	23	281	697	580	80	69

Table 2. Detailed Occupation of the Civilian Labor Force by Sex and Total Race: 1980—Con.

(DATA BASED ON SAMPLE, SEE TEXT. FOR DEFINITIONS OF TERMS AND MEANING OF SYMBOLS, SEE TEXT.)

UNITED STATES	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO, AND ALEUT		ASIAN AND PACIFIC ISLANDER		RACE, N.E.C.	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
CIVILIAN LABOR FORCE, 16 YEARS AND OVER-- CON.												
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS--CON.												
PROFESSIONAL SPECIALTY OCCUPATIONS--CON.												
HEALTH DIAGNOSING OCCUPATIONS	570 546	76 280	516 391	58 662	13 989	4 054	718	165	36 353	12 683	3 095	716
PHYSICIANS	375 289	57 966	320 297	42 316	10 264	3 245	413	127	31 730	11 722	2 585	556
DENTISTS	116 916	8 375	110 425	7 171	4 375	480	183	18	3 305	616	288	21
VETERINARIANS	29 797	4 558	28 873	4 334	4 009	124	58	6	359	73	98	90
OPTOMETRISTS	22 569	2 036	21 816	1 842	1 94	36	8	8	54	97	58	33
PODIATRISTS	7 124	657	6 860	538	210	78	-	-	54	41	-	-
HEALTH DIAGNOSING PRACTITIONERS, N.E.C.	18 851	2 688	18 120	2 461	193	71	28	6	444	134	66	16
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	240 569	1 482 007	211 468	1 398 820	17 489	118 024	778	4 790	7 919	51 288	2 915	9 085
REGISTERED NURSES	52 755	1 232 544	44 278	1 086 595	17 489	91 534	187	3 844	1 998	43 870	803	6 701
PHARMACISTS	110 635	35 002	102 572	30 382	2 994	1 806	158	96	4 340	2 323	611	395
DIECTIONISTS	6 787	60 483	4 457	44 527	1 919	10 431	25	307	179	2 405	207	623
THELAPIST	52 181	141 752	44 174	127 351	5 635	10 431	268	464	1 071	2 337	973	1 187
OCUPATIONAL THERAPISTS	21 109	27 559	17 985	23 666	2 132	3 077	134	134	566	363	445	289
OCUPATIONAL THERAPISTS	11 234	36 287	6 216	35 183	1 204	1 947	34	36	234	701	122	70
PHYSICAL THERAPISTS	11 234	36 287	6 216	35 183	1 204	1 947	34	36	234	701	122	70
SPEECH THERAPISTS	31 811	4 215	31 598	4 215	187	358	54	54	326	418	312	323
PHYSICIAN, N.E.C.	13 784	29 284	10 969	25 400	1 166	2 994	106	149	234	418	312	323
PHYSICIAN, ASSISTANTS	18 211	12 226	15 987	9 965	1 432	1 660	140	79	331	353	321	179
TEACHERS, POSTSECONDARY	404 104	233 045	368 720	208 604	15 507	15 596	1 230	798	15 499	5 811	3 218	2 236
EARTH, ENVIRONMENTAL, & MARINE SCIENCE TEACHERS	1 904	370	1 833	353	10	-	5	8	238	19	18	8
BIOLOGICAL SCIENCE TEACHERS	6 537	3 114	6 143	2 798	122	171	19	19	236	113	28	13
CHEMISTRY TEACHERS	6 671	1 711	6 126	1 559	65	58	20	-	351	83	26	11
PHYSICS TEACHERS	4 882	532	4 473	1 474	32	16	6	-	303	38	35	4
NATURAL SCIENCE TEACHERS, N.E.C.	637	194	604	6	6	10	-	-	19	47	8	-
PSYCHOLOGY TEACHERS	3 494	2 326	3 272	2 104	129	153	29	-	172	54	44	7
ECONOMICS TEACHERS	4 024	1 008	3 705	904	103	43	-	-	61	20	19	-
HISTORY TEACHERS	4 267	1 333	4 061	1 229	126	84	-	-	78	10	32	-
POLITICAL SCIENCE TEACHERS	1 677	389	1 451	379	110	67	6	-	82	18	22	-
SOCIOLOGY TEACHERS	2 263	944	2 040	859	129	159	10	-	69	35	27	-
SOCIAL SCIENCE TEACHERS, N.E.C.	1 301	708	1 207	653	33	12	6	6	27	6	28	21
ENGINEERING TEACHERS	9 759	1 253	8 796	1 132	317	70	38	9	494	36	74	38
MATHEMATICAL SCIENCE TEACHERS	11 729	3 707	10 218	4 602	466	150	59	7	530	221	88	38
COMPUTER SCIENCE TEACHERS	6 842	2 133	6 347	1 952	175	81	-	-	319	20	59	19
MEDICAL SCIENCE TEACHERS	2 891	1 133	2 390	1 052	12	12	-	-	51	317	53	23
HEALTH SPECIALTIES TEACHERS	2 896	1 695	2 390	1 360	143	100	65	10	133	52	14	35
BUSINESS, COMMERCE, AND MARKETING TEACHERS	4 022	3 594	3 696	3 236	169	259	20	10	141	52	49	54
AGRICULTURE AND FORESTRY TEACHERS	3 246	3 567	3 016	3 236	122	237	18	2	141	272	57	54
ART, DRAMA, AND MUSIC TEACHERS	14 718	13 657	13 653	12 607	800	678	54	20	141	272	57	54
PHYSICAL EDUCATION TEACHERS	5 382	3 626	4 825	3 351	435	199	26	19	69	35	27	-
EDUCATION TEACHERS	1 373	935	1 222	807	121	90	6	-	9	38	15	-
ENGLISH TEACHERS	10 538	12 865	9 960	11 858	302	704	8	52	192	150	76	101
FOREIGN LANGUAGE TEACHERS	4 039	5 915	3 705	5 325	62	148	6	3	184	259	82	180
LAW TEACHERS	3 301	811	3 161	719	104	78	-	-	19	23	17	6
SOCIAL WORK TEACHERS	329	481	317	347	12	105	-	-	-	6	-	-
THEOLOGY TEACHERS	2 809	767	2 694	717	64	25	5	8	46	12	-	5
TRADE AND INDUSTRIAL TEACHERS	2 809	767	2 694	717	64	25	5	8	46	12	-	5
HOME ECONOMICS TEACHERS	163	1 105	2 239	999	183	95	14	43	15	13	11	6
TEACHERS, POSTSECONDARY, N.E.C.	2 565	1 824	1 550	1 686	112	112	-	-	80	47	29	12
TEACHERS, POSTSECONDARY, SUBJECT NOT SPECIFIED	279 034	146 503	253 564	129 992	10 810	10 559	845	538	11 506	3 860	2 309	1 544
TEACHERS, EXCEPT POSTSECONDARY	1 086 775	2 635 305	982 560	2 284 154	77 156	288 876	4 706	11 418	11 820	28 126	10 533	22 561
TEACHERS, PREKINDERGARTEN AND KINDERGARTEN	560 593	1 746 747	509 593	1 495 718	46 258	244 698	2 309	7 562	7 578	1 760	5 499	2 412
TEACHERS, ELEMENTARY SCHOOL	374 203	486 603	332 381	432 381	20 926	204 698	1 543	1 562	3 108	1 981	2 881	1 451
TEACHERS, SECONDARY SCHOOL	10 138	22 680	9 146	19 926	693	4 279	76	123	134	4 134	100	316
TEACHERS, SPECIAL EDUCATION	126 047	199 781	113 249	181 608	7 964	12 764	703	958	2 644	2 845	1 487	1 568
TEACHERS, N.E.C.	90 587	107 669	75 743	85 825	10 735	17 334	1 096	1 412	1 284	1 436	1 749	1 662
COUNSELORS, EDUCATIONAL AND VOCATIONAL	40 514	162 167	35 686	145 533	2 884	11 990	153	575	1 260	2 985	531	1 074
LIBRARIANS	32 779	154 600	28 742	138 711	2 353	11 434	120	524	1 086	2 909	478	1 022
ARCHIVISTS AND CURATORS	7 735	7 567	6 944	6 832	531	556	33	51	174	76	53	52

Table 2. Detailed Occupation of the Civilian Labor Force by Sex and Total Race: 1980--Con.

(DATA BASED ON SAMPLE, SEE TEXT. FOR DEFINITIONS OF TERMS AND MEANING OF SYMBOLS, SEE TEXT.)

UNITED STATES	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO, AND ALEUT		ASIAN AND PACIFIC ISLANDER		RACE, N.E.C.	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
CIVILIAN LABOR FORCE, 16 YEARS AND OVER-- CON.												
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS--CON.												
PROFESSIONAL SPECIALTY OCCUPATIONS--CON.												
SOCIAL SCIENTISTS AND URBAN PLANNERS.	136 114	81 744	126 346	72 619	5 548	6 739	458	326	2 632	1 381	1 130	679
ECONOMISTS.	67 318	28 347	62 896	25 645	2 155	1 843	179	68	1 617	556	371	195
PSYCHOLOGISTS.	49 102	43 827	45 460	38 511	2 414	4 151	149	200	515	567	564	398
SOCIOLOGISTS.	1 061	1 061	1 311	944	111	48	12	12	44	48	23	9
SOCIAL SCIENTISTS, N.E.C.	8 177	5 300	7 660	4 865	214	242	38	30	179	112	86	51
URBAN PLANNERS.	10 128	3 209	9 019	2 654	654	455	92	16	277	58	86	26
SOCIAL, RECREATION, AND RELIGIOUS WORKERS.	461 205	368 967	398 870	286 630	46 069	67 287	2 678	3 099	6 453	4 725	7 135	7 226
SOCIAL WORKERS.	161 258	128 726	124 964	224 312	26 965	61 547	1 727	2 692	2 714	3 882	4 888	6 293
RECREATION WORKERS.	12 122	25 278	8 551	20 864	2 864	3 436	229	229	172	241	385	508
CLERGY.	266 610	16 434	245 851	15 085	15 230	965	724	74	3 164	175	1 641	135
RELIGIOUS WORKERS, N.E.C.	21 215	28 829	19 504	26 369	1 010	1 339	77	104	403	427	221	290
LAWYERS AND JUDGES.	455 642	74 037	439 366	67 312	10 484	4 793	899	280	2 911	970	1 982	682
LAWYERS.	432 559	417 815	417 815	63 165	9 322	4 272	769	230	2 785	952	1 868	656
JUDGES.	20 083	4 762	21 551	4 147	1 162	521	130	50	126	18	114	26
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES.	800 768	582 113	731 812	541 323	40 047	23 355	3 459	2 337	15 092	9 737	10 358	5 761
AUTHORS.	25 409	20 239	24 217	19 316	612	635	92	69	294	166	194	153
TECHNICAL WRITERS.	30 984	18 612	29 146	17 099	1 104	1 172	108	81	475	160	151	100
DESIGNERS.	169 604	168 770	156 066	158 313	6 034	4 908	510	365	4 714	3 526	2 280	1 658
MUSICIANS AND COMPOSERS.	99 065	41 491	87 766	38 532	7 299	1 991	516	152	1 552	664	1 522	152
ACTION AND DIRECTORS.	44 049	23 131	40 460	20 937	2 443	1 473	198	85	524	337	424	299
PAINTERS, SCULPTORS, CRAFT-ARTISTS, AND ARTIST PRINTMAKERS.	79 445	73 717	72 319	69 890	3 385	1 511	664	439	2 019	1 414	1 058	463
PHOTOGRAPHERS.	72 496	22 266	65 979	20 716	3 886	968	235	170	1 422	212	974	200
DANCERS.	3 350	8 849	2 777	8 312	1 223	832	419	91	440	41	91	210
ARTISTS, PERFORMERS, AND RELATED WORKERS, N.E.C.. . . .	29 356	20 297	26 255	18 788	1 727	923	231	130	520	313	433	210
EDITORS AND REPORTERS.	106 942	103 889	100 229	96 419	3 492	4 216	278	375	1 920	1 505	1 056	1 130
PUBLIC RELATIONS SPECIALISTS.	61 442	58 595	56 938	53 595	3 006	3 558	205	271	773	692	520	489
ANNOUNCERS.	38 392	8 594	34 375	7 478	3 079	795	63	63	228	158	502	130
ATHLETES.	40 234	12 568	35 218	11 821	3 757	476	195	36	511	98	553	137
TECH., SALES, & ADMIN. SUPPORT OCCUPATIONS.												
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS.	1 721 531	1 341 081	1 537 151	1 119 497	96 794	161 419	7 783	7 048	57 379	37 869	22 424	15 248
HEALTH TECHNOLOGISTS AND TECHNICIANS.	162 175	827 172	129 349	677 692	20 566	117 692	988	4 475	8 000	19 537	3 272	8 386
CLINICAL LAB. TECHNOLOGISTS & TECHNICIANS.	62 175	181 807	48 399	149 416	8 111	20 275	279	645	4 246	9 845	1 140	1 626
DENTAL HYGIENISTS.	708	45 484	592	44 099	48	667	37	37	68	514	-	167
HEALTH RECORD TECHNOLOGISTS AND TECHNICIANS.	1 314	13 833	995	11 796	196	1 295	8	187	73	398	42	157
RADIOLOGIC TECHNOLOGISTS.	27 356	68 955	22 372	62 268	2 017	5 097	167	231	1 238	696	662	663
LICENSED PRACTICAL NURSES.	14 764	420 412	11 012	331 430	2 942	75 698	128	2 822	358	5 956	324	4 506
HEALTH TECHNOLOGISTS AND TECHNICIANS, N.E.C.. . . .	55 858	96 681	45 979	78 683	6 352	14 050	406	553	2 017	2 128	1 104	1 267
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH,	1 559 356	513 909	1 407 802	441 805	76 228	44 337	6 795	2 573	49 379	18 332	19 152	6 862
ENGR. AND RELATED TECHNOLOGISTS AND TECHNICIANS.	788 943	158 072	715 138	135 975	36 965	13 243	3 823	682	21 867	5 551	11 130	2 621
ELECTRICAL AND ELECTRONIC TECHNICIANS.	235 981	30 603	210 340	24 579	12 619	3 733	974	155	8 216	1 333	3 432	803
INDUSTRIAL ENGINEERING TECHNICIANS.	8 404	2 240	7 868	2 007	400	169	20	7	46	25	70	32
MECHANICAL ENGINEERING TECHNICIANS.	14 588	1 004	13 388	870	443	86	35	3	325	8	197	37
ENGINEERING TECHNICIANS, N.E.C.. . . .	207 139	64 895	190 864	55 480	9 214	6 107	159	193	4 114	2 192	2 208	923
CRAFTING OCCUPATIONS.	274 859	54 808	247 210	49 180	12 690	2 615	1 405	261	8 739	1 904	4 615	777
TEXTILE TECHNOLOGISTS.	48 572	45 522	45 468	3 859	1 419	462	650	63	427	89	608	49
SCIENCE TECHNOLOGICAL TECHNICIANS.	132 393	60 467	113 439	51 652	8 520	5 787	502	237	3 847	1 852	1 893	1 015
SCIENCE TECHNOLOGICAL TECHNICIANS, N.E.C.. . . .	56 901	19 467	40 872	13 952	1 456	1 845	177	177	1 509	314	334	234
CHEMICAL TECHNICIANS.	38 028	16 855	29 872	13 952	4 556	1 845	133	133	1 509	314	334	234
CHEMICAL TECHNICIANS, N.E.C.. . . .	38 028	16 855	29 872	13 952	4 556	1 845	133	133	1 509	314	334	234
TECHNICIANS; EXC. HEALTH, ENGINEERING, & SCIENCE.	638 920	295 370	575 225	254 178	30 443	25 376	2 470	1 634	23 645	10 966	6 217	3 226
AIRPLANE PILOTS AND NAVIGATORS.	75 149	1 039	73 572	986	452	26	194	14	451	13	180	14
AIR TRAFFIC CONTROLLERS.	34 879	6 164	31 832	5 124	2 061	830	57	57	472	91	350	62
BROADCAST EQUIPMENT OPERATORS.	40 707	32 015	37 291	28 067	2 280	2 762	368	277	286	191	493	493
COMPUTER PROGRAMMERS.	218 716	98 957	197 252	84 406	10 053	7 934	635	277	9 024	5 573	1 752	767
TOOL PROGRAMMERS, NUMERICAL CONTROL.	6 313	2 262	5 841	1 853	1 190	254	-	8	185	119	37	28
LEGAL ASSISTANTS.	24 666	54 621	22 061	50 458	1 593	2 762	124	286	409	559	379	556
TECHNICIANS, N.E.C.. . . .	237 690	100 312	207 376	83 264	13 614	10 808	894	524	12 838	4 410	2 968	1 306

Table 2. Detailed Occupation of the Civilian Labor Force by Sex and Total Race: 1980—Con.

(DATA BASED ON SAMPLE, SEE TEXT. FOR DEFINITIONS OF TERMS AND MEANING OF SYMBOLS, SEE TEXT.)

UNITED STATES	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO, AND ALEUT		ASIAN AND PACIFIC ISLANDER		RACE, N.F.C.	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
CIVILIAN LABOR FORCE, 16 YEARS AND OVER-- CON.	5 261 974	4 995 335	4 915 345	4 495 264	202 466	331 009	14 316	20 055	70 031	76 969	59 814	72 038
TECH., SALES & ADMIN. SUPPORT, OCCUPATIONS--CON.	812 207	318 974	760 619	297 781	27 705	14 613	2 551	1 158	11 842	4 090	9 490	3 332
SALES OCCUPATIONS	324 838	126 518	302 505	117 467	9 701	7 704	989	549	8 068	3 740	3 575	1 058
SUPERVISORS & PROPRIETORS, SALES OCCUPATIONS, SALARIED, SELF-EMPLOYED.	1 192 420	653 762	1 132 805	612 421	36 781	25 007	2 487	2 316	13 851	2 844	2 862	4 554
SALES REPRESENTATIVES, FINANCE & BUSINESS SERVICES. INSURANCE SALES OCCUPATIONS	423 736	144 128	397 433	128 760	17 997	11 599	764	417	4 866	1 297	2 852	1 178
REAL ESTATE SALES OCCUPATIONS	360 675	297 700	345 175	287 172	17 997	5 053	904	864	4 866	1 297	1 933	1 314
SECURITY AND FINANCIAL SERVICE SALES OCCUPATIONS	107 750	24 438	103 648	22 457	2 152	1 230	130	115	1 428	386	392	250
ADVERTISING AND RELATED SALES OCCUPATIONS	66 477	47 532	63 841	42 017	1 857	1 721	131	151	1 494	395	334	248
SALES OCCUPATIONS, OTHER BUSINESS SERVICES	233 982	130 364	222 750	128 615	6 695	6 304	558	469	2 592	334	1 651	1 504
SALES REPRESENTATIVES, COMMODITIES EXCEPT RETAIL. SALES ENGINEERS	1 112 852	188 394	1 070 191	174 005	24 326	8 631	2 185	713	8 369	2 729	7 781	2 316
SALES ENGINEERS, MINING, MANUFACTURING, & WHOLESALE SALES REPS.	42 646	41 423	41 812	41 347	335	52	23	7	405	11	71	6
SALES WORKERS, RETAIL AND PERSONAL SERVICES	1 070 206	186 971	1 028 379	172 658	23 991	8 579	2 162	706	7 964	2 718	7 710	2 310
SALES WORKERS, MOTOR VEHICLES AND BOATS	1 806 647	3 692 620	1 637 219	3 281 601	103 512	277 500	6 055	15 510	27 848	57 375	32 013	60 634
SALES WORKERS, APPAREL.	260 889	22 219	246 369	20 966	8 802	803	799	100	1 604	175	3 315	175
SALES WORKERS, SHOES.	80 796	36 176	70 531	328 889	222	21 728	222	1 036	1 579	5 061	1 653	5 262
SALES WORKERS, FURNITURE AND HOME FURNISHINGS	50 331	65 611	42 579	59 753	5 365	3 976	159	195	703	661	1 525	1 026
SALES WORKERS, RADIO, TV, HI-FI, AND APPLIANCES	82 233	33 093	82 108	60 490	2 821	1 629	205	168	479	154	1 200	558
SALES WORKERS, HARDWARE AND BUILDING SUPPLIES	145 769	48 495	138 609	30 555	3 566	1 629	205	87	304	465	1 031	518
SALES WORKERS, PARTS.	181 487	16 687	172 708	15 941	3 884	884	394	172	1 120	465	1 762	524
SALES WORKERS, OTHER COMMODITIES.	483 456	1 234 829	417 675	1 122 686	1 596	71 951	695	116	1 317	19 521	2 781	180
SALES COUNTER CLERKS.	35 398	22 821	32 570	21 669	1 624	635	184	8	4 288	8 719	7 349	16 483
CASHIERS.	310 338	1 565 502	258 030	1 358 820	31 552	158 338	1 844	8 271	9 815	27 579	4 415	1 052
STREET AND DOOR-TO-DOOR SALES WORKERS	47 848	174 861	43 746	162 785	2 437	7 689	162	175	815	1 510	630	32 636
NEWS VENDORS.	71 284	35 516	65 437	32 967	4 037	1 782	282	173	584	266	844	308
SALES RELATED OCCUPATIONS	12 610	15 267	11 936	14 189	441	654	51	89	89	191	93	149
DEMONSTRATORS, PROMOTERS AND MODELS, SALES.	2 665	10 665	2 397	9 365	164	427	24	49	29	120	51	95
AUCTIONEERS	5 932	1 010	5 801	910	82	49	16	32	23	19	10	32
SALES SUPPORT OCCUPATIONS, N.F.C.	4 013	4 192	3 738	3 914	195	178	11	8	37	43	32	49
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	4 018 231	13 545 426	3 354 512	11 759 115	470 927	1 291 493	18 057	65 845	83 656	211 819	91 079	217 154
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	569 626	508 547	502 964	439 442	47 726	53 069	2 301	2 188	8 593	7 260	6 042	6 588
SUPERVISORS, GENERAL OFFICE	282 671	362 658	244 730	331 400	27 308	39 290	1 457	1 679	4 472	5 037	4 704	5 252
SUPERVISORS, COMPUTER EQUIPMENT OPERATORS	30 028	12 599	27 215	10 847	1 869	1 276	34	34	664	258	246	184
SUPERVISORS, FINANCIAL RECORDS PROCESSING	81 455	78 447	76 635	71 166	2 592	4 975	198	266	1 514	1 475	516	565
CHIEF COMMUNICATIONS OPERATORS.	44 101	23 104	41 021	19 441	2 147	3 265	136	74	402	141	395	183
SUPERVISORS, DISTRIBUTION, SCHEDULING, AND ADJUSTING CLERKS	131 371	31 739	113 363	26 568	13 810	4 263	476	135	1 541	349	2 181	404
COMPUTER EQUIPMENT OPERATORS.	171 529	249 052	141 671	208 361	20 009	29 933	798	1 193	5 582	5 380	3 469	4 165
COMPUTER OPERATORS.	233 611	133 986	186 681	195 336	18 681	28 041	747	1 151	5 285	5 082	3 237	4 001
PERIPHERAL EQUIPMENT OPERATORS.	9 593	7 685	9 141	7 357	1 328	1 092	51	42	297	298	232	164
SECRETARIES, STENOGRAPHERS AND TYPISTS.	40 845	4 746 055	66 740	4 252 100	9 357	348 962	561	22 320	2 250	56 908	1 867	65 905
SECRETARIES, STENOGRAPHERS AND TYPISTS.	7 499	4 749	7 395	3 616 886	4 376	2 952	302	16 905	1 167	40 119	885	4 011
STENOGRAPHERS	23 600	719 623	7 395	68 320	4 376	2 952	302	16 905	1 167	40 119	885	4 011
TYPISTS	23 600	719 623	7 395	68 320	4 376	2 952	302	16 905	1 167	40 119	885	4 011
INFORMATION CLERKS.	139 851	814 477	116 298	708 386	15 565	73 802	1 000	5 007	1 028	14 434	961	16 953
INTERVIEWERS.	33 654	115 244	26 792	97 353	4 947	12 857	253	515	3 727	11 430	3 261	15 852
HOTEL CLERKS.	21 113	45 269	18 521	40 814	1 394	12 723	107	321	652	1 627	926	2 025
TRANSPORTATION TICKET AND RESERVATION AGENTS.	43 617	59 332	36 993	49 727	4 143	6 719	148	211	1 739	1 834	894	841
RECEPTIONISTS	22 870	525 290	18 136	462 655	3 239	42 320	111	2 740	1 439	6 219	664	11 348
INFORMATION CLERKS, N.F.C.	18 597	69 342	15 856	57 837	1 842	9 175	63	357	468	827	338	1 146
RECORDS PROCESSING OCCUPATIONS, EXCEPT FINANCIAL. CLASSIFIED-AD CLERKS.	231 056	786 589	188 313	645 693	29 683	106 687	1 012	3 698	5 650	14 057	6 498	16 157
CORRESPONDENCE CLERKS.	3 125	11 226	2 828	10 128	182	724	4	64	84	153	27	154
ORDER CLERKS.	3 701	16 043	3 232	2 374	53	2 374	4	53	113	152	58	192
PERSONNEL CLERKS, EXCEPT PAYROLL AND TIMEKEEPING. LIBRARY CLERKS.	9 794	219 604	88 556	185 681	12 363	26 232	457	733	1 428	2 722	3 487	4 136
FILE CLERKS.	27 535	119 226	7 782	56 308	1 544	8 273	84	336	1 199	1 486	1 486	1 440
RECORDS CLERKS.	240 903	47 245	22 013	101 128	3 213	12 933	154	500	1 409	2 840	1 747	1 825
RECORDS CLERKS.	20 211	111 742	16 658	94 749	2 763	43 696	233	1 427	1 664	4 644	1 533	6 509
RECORDS CLERKS.	20 211	111 742	16 658	94 749	2 763	43 696	233	1 427	1 664	4 644	1 533	6 509

2 Table 2. Detailed Occupation of the Civilian Labor Force by Sex and Total Race: 1980—Con.

(DATA BASED ON SAMPLE, SEE TEXT. FOR DEFINITIONS OF TERMS AND MEANING OF SYMBOLS, SEE TEXT.)

UNITED STATES	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO, AND ALEUT		ASIAN AND PACIFIC ISLANDER		RACE, N.E.C.	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
CIVILIAN LABOR FORCE, 16 YEARS AND OVER-- CON.												
TECH., SALES & ADMIN. SUPPORT, OCCUPATIONS--CON.												
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING ALL SERVICE OCCUPATIONS,												
FINANCIAL RECORDS, PROCESSING, AND AUDITING CLERKS...	272 307	2 067 091	236 977	1 901 261	19 709	102 247	1 220	7 728	9 744	33 960	4 657	21 895
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS...	194 630	1 700 841	169 795	1 590 751	13 231	70 187	614	6 237	7 452	27 280	3 138	15 389
PAYROLL AND TIMEKEEPING CLERKS...	28 047	137 782	24 361	131 778	2 452	11 259	148	6 672	687	2 084	1 017	707
BILLING CLERKS...	12 882	120 185	12 357	116 780	1 575	9 329	392	3 329	511	1 927	371	1 757
COST AND RATE CLERKS...	27 705	61 273	25 284	53 074	1 364	5 704	153	211	428	1 376	496	609
BILLING, POSTING, & CALCULATING MACH. OPERATORS...	7 003	47 008	5 150	38 876	1 087	5 772	206	206	466	1 297	233	857
DUPLICATING, MAIL & OTHER OFFICE MACHINE OPERATORS...	21 424	40 790	16 062	38 876	3 804	6 862	73	260	747	786	738	848
DUPLICATING MACHINE OPERATORS...	7 758	12 022	5 751	9 360	1 431	2 090	51	51	270	281	288	240
MAIL PREPARING & PAPER HANDLING MACH. OPERATORS...	2 809	4 690	2 188	3 922	482	595	13	44	70	52	56	77
OFFICE MACHINE OPERATORS, N.E.C...	10 857	24 078	8 123	18 752	1 891	4 177	42	165	407	453	394	531
COMMUNICATIONS EQUIPMENT OPERATORS...	34 115	289 800	27 418	238 937	4 880	41 394	198	1 880	541	2 875	1 078	914
TELEPHONE OPERATORS...	27 553	278 807	21 815	229 221	4 119	40 402	172	1 830	471	2 568	976	786
TELEGRAPHERS...	5 083	2 906	4 413	2 373	540	420	16	8	53	59	61	46
COMMUNICATIONS EQUIPMENT OPERATORS, N.E.C...	1 479	8 081	1 190	7 343	221	572	42	17	17	48	41	82
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS...	562 281	442 728	442 728	176 533	94 425	54 523	1 897	1 268	10 502	3 761	12 729	3 076
POSTAL CLERKS, EXC. MAIL CARRIERS...	175 047	98 105	130 635	61 789	35 758	32 773	557	553	4 272	1 746	3 820	1 241
MAIL CARRIERS, POSTAL SERVICE...	226 463	34 111	192 858	29 366	26 393	3 925	726	170	2 876	266	3 510	373
MAIL CLERKS, EXC. POSTAL SERVICE...	94 076	85 124	68 819	66 747	19 438	14 575	413	420	2 186	1 419	2 220	1 063
MESSENGERS...	66 695	22 721	50 416	18 631	12 836	5 250	201	115	1 168	325	1 074	396
MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING CLERKS, N.E.C...	1 154 459	607 226	960 958	515 632	139 717	70 652	5 117	3 335	15 884	9 000	31 783	11 606
DISPATCHERS...	167 779	31 215	131 436	23 312	3 915	1 138	272	58	2 564	1 739	2 721	1 282
PRODUCTION COORDINATORS...	147 486	117 841	131 436	101 563	10 913	12 076	567	670	5 884	3 526	15 076	1 864
TRAFFIC, SHIPPING, AND RECEIVING CLERKS...	392 387	121 013	314 273	102 533	56 093	13 469	1 667	670	7 111	3 651	10 008	3 811
STOCK AND INVENTORY CLERKS...	398 002	211 013	327 452	177 694	51 537	25 488	1 896	1 188	7 111	3 651	10 008	3 811
METER READERS...	4 459	4 459	30 841	3 651	5 841	3 36	222	336	288	250	1 093	93
WEIGHERS, MEASURERS, AND CHECKERS...	38 151	29 475	285	23 836	5 979	4 313	285	236	355	250	1 328	841
SAMPLERS...	1 472	1 196	1 305	1 057	133	118	6	254	28	6	1 123	917
EXPELTERS...	50 597	59 744	44 490	50 972	4 142	6 763	155	254	687	816	1 123	917
MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING CLERKS, N.E.C...	9 970	30 404	8 216	24 323	1 164	4 538	80	96	261	602	242	845
ADJUSTERS AND INVESTIGATORS...	199 792	331 705	179 390	273 982	14 065	44 147	745	1 566	3 003	6 453	6 334	5 557
INSURANCE ADJUSTERS, EXAMINERS, & INVESTIGATORS...	60 505	107 553	61 611	82 917	3 287	13 745	169	1 566	920	2 337	516	1 250
ELIGIBILITY CLERKS, SOCIAL WELFARE...	94 059	157 138	84 002	130 550	6 914	20 436	452	679	1 484	2 924	1 207	2 540
BILL AND ACCOUNT COLLECTORS...	4 511	20 207	3 400	14 849	3 567	4 010	29	231	249	548	266	549
MISCELLANEOUS ADMINISTRATIVE SUPPORT OCCUPATIONS...	34 717	55 807	30 357	45 666	3 297	5 656	95	355	350	644	1 189	1 189
BLACK TELLERS...	580 946	2 894 033	475 083	2 369 734	72 117	358 958	3 135	15 401	16 433	60 249	14 218	59 691
DATA ENTRY REVERS...	311 530	1 425 083	251 346	1 186 189	42 097	181 672	1 499	7 363	8 761	26 150	14 218	59 691
PROOFREADERS...	45 310	484 139	36 698	411 368	5 704	34 267	192	1 383	1 431	1 785	1 607	8 316
DATA ENTRY REVERS...	26 973	362 802	20 271	320 392	4 820	60 880	120	1 716	1 353	307	36	21
STATISTICAL CLERKS...	36 003	107 546	32 432	286 324	4 009	60 880	104	1 716	1 353	307	36	21
TEACHERS, AIDES...	16 163	159 546	11 036	151 597	3 192	34 341	337	2 583	325	3 053	771	8 846
ADMINISTRATIVE SUPPORT OCCUPATIONS, N.E.C...	135 824	280 072	117 350	237 277	12 135	31 466	900	1 648	3 049	5 276	2 390	4 385
SERVICE OCCUPATIONS...	5 565 380	8 020 694	4 320 713	6 126 079	893 140	1 502 133	41 769	63 920	134 516	141 727	195 44	142 435
PRIVATE HOUSEHOLD OCCUPATIONS...												
LAUNDERS AND IRONERS...	29 494	597 451	17 120	316 124	9 812	246 320	250	3 604	1 158	4 187	1 154	24 215
COOKS, PRIVATE HOUSEHOLD...	548	10 231	380	1 106	46	531	15	15	110	95	1	46
HOUSEKEEPERS AND BUTLERS...	2 489	66 531	1 346	34 275	537	5 150	26	71	260	150	44	145
CHILD CARE WORKERS, PRIVATE HOUSEHOLD...	4 130	155 785	3 379	34 275	881	25 238	26	414	117	1 613	119	4 041
PRIVATE HOUSEHOLD CLEANERS AND SERVANTS...	20 737	363 151	11 272	143 910	7 790	198 242	190	2 133	589	4 633	894	14 344
PROTECTIVE SERVICE OCCUPATIONS...												
SUPERVISORS, PROTECTIVE SERVICE OCCUPATIONS...	1 359 969	181 932	1 158 655	141 804	158 794	34 133	9 682	1 656	11 783	1 531	21 057	2 493
SUPERVISORS, FIREFIGHTING AND FIRE PREVENTION...	92 010	4 171	838 214	3 234	5 953	756	438	91	734	15	671	6
SUPERVISORS, POLICE AND DETECTIVES...	20 750	109	19 809	93	514	10	133	7	173	-	41	6
SUPERVISORS, GUARDS...	49 541	1 745	46 089	1 320	2 564	336	271	37	307	-	390	49
SUPERVISORS, GUARDS...	21 699	2 317	18 276	1 821	2 855	410	74	54	234	15	140	17

Table 2. Detailed Occupation of the Civilian Labor Force by Sex and Total Race: 1980—Con.

(DATA BASED ON SAMPLE, SEE TEXT. FOR DEFINITIONS OF TERMS AND MEANING OF SYMBOLS, SEE TEXT.)

UNITED STATES	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO, AND ALUT		ASIAN AND PACIFIC ISLANDER		RACE, N.E.C.	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
CIVILIAN LABOR FORCE, 16 YEARS AND OVER-- CON.												
SERVICE OCCUPATIONS--CON.												
PROTECTIVE SERVICE OCCUPATIONS--CON.												
FIREFIGHTING AND FIRE PREVENTION OCCUPATIONS.	211 483	4 243	192 974	3 747	12 983	333	1 573	114	1 458	11	2 495	38
FIRE INSPECTION AND FIRE PREVENTION OCCUPATIONS.	120 489	2 195	118 917	1 995	12 004	113	1 297	26	70	5	2 225	8
FIRE INSPECTION AND FIRE PREVENTION OCCUPATIONS.	190 994	2 098	174 057	1 752	12 004	220	1 276	88	1 368	6	2 269	32
POLICE AND DETECTIVES.	522 165	45 814	457 502	34 194	50 312	9 792	3 859	538	3 259	716	7 263	468
POLICE AND DETECTIVES, PUBLIC SERVICE.	390 921	24 848	349 456	18 936	31 289	4 964	2 785	326	2 585	154	4 806	468
SHERIFFS, BAILIFFS, AND OTHER LAW ENFORCEMENT OFFICERS.	54 714	7 901	48 864	6 459	4 314	1 398	399	39	35	873	70	70
CORRECTIONAL INSTITUTION OFFICERS.	76 530	12 765	59 182	8 799	14 709	3 530	675	173	380	85	1 584	178
GUARDS.	534 311	128 004	423 965	100 629	89 544	23 252	3 812	913	6 362	1 231	10 626	1 979
CROSSING GUARDS.	12 805	33 777	11 070	27 674	1 457	5 419	28	158	105	69	145	457
GUARDS AND POLICE, EXC. PUBLIC SERVICE.	499 152	77 842	393 596	57 584	85 988	17 115	3 586	687	5 950	1 097	10 032	1 359
PROTECTIVE SERVICE OCCUPATIONS, N.E.C..	22 354	16 385	19 299	15 371	2 101	718	198	68	307	65	449	163
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD, AND SERVICE OCCUPATIONS.	4 195 917	7 241 311	3 144 938	5 668 151	724 534	1 221 680	31 837	58 659	121 575	132 009	173 033	160 812
FOOD PREPARATION, AND SERVICE OCCUPATIONS.	1 644 891	3 185 213	1 273 632	2 701 891	203 691	341 811	9 645	23 210	80 259	63 387	77 504	54 914
BUTCHERS, MEAT PREP. & SERVICE OCCUPATIONS.	105 501	142 280	80 900	123 852	17 809	12 974	365	1 680	7 703	3 072	8 744	2 072
BUTCHERS AND WAITRESSES.	127 283	141 192	160 774	133 282	17 809	12 974	895	1 680	7 703	3 072	8 744	2 072
WAITERS.	58 165	125 828	136 311	212 870	93 292	151 957	3 806	7 658	13 053	26 552	27 606	15 394
COOKS, EXCEPT SHORT ORDER.	58 320	171 858	474 310	582 166	43 260	151 957	2 666	7 658	13 053	26 552	27 606	15 394
SHORT-ORDER COOKS.	40 098	130 829	32 944	124 409	4 682	15 370	2 666	7 658	13 053	26 552	27 606	15 394
FOOD COUNTER, FOUNTAIN AND RELATED OCCUPATIONS.	40 098	130 829	32 944	124 409	4 682	15 370	2 666	7 658	13 053	26 552	27 606	15 394
FOOD WORKERS, FOOD PREPARATION.	23 215	171 858	17 545	142 409	4 682	15 370	2 666	7 658	13 053	26 552	27 606	15 394
KITCHEN WORKERS, FOOD PREPARATION.	23 215	171 858	17 545	142 409	4 682	15 370	2 666	7 658	13 053	26 552	27 606	15 394
WAITERS, WAITRESSES, ASSISTANTS.	171 282	121 927	114 539	99 050	18 401	17 533	864	506	6 362	2 632	11 116	3 216
MISCELLANEOUS FOOD PREPARATION OCCUPATIONS.	319 111	395 971	237 661	314 697	48 518	57 676	2 535	3 492	11 435	10 508	18 962	9 400
HEALTH SERVICE OCCUPATIONS.	217 030	1 611 254	143 689	1 166 872	60 923	376 863	1 889	13 394	4 834	23 901	5 695	30 204
DENTAL ASSISTANTS.	3 294	154 823	2 578	142 404	10 161	6 337	14	891	208	2 334	65	2 857
HEALTH AIDES, EXCEPT NURSING.	45 375	346 674	31 820	193 392	10 161	42 868	435	1 541	1 487	3 713	1 472	5 040
NURSING AIDES, ORDERLIES, AND ATTENDANTS.	168 361	1 209 757	109 291	831 076	50 333	327 558	1 440	10 962	3 139	17 854	4 158	22 307
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD.	1 930 692	1 049 412	1 406 675	651 328	402 954	324 405	16 828	10 381	27 301	22 368	70 930	40 930
SUPERVISORS, CLEANING AND BLDG. SERVICE WORKERS.	83 593	33 226	65 826	21 790	14 747	9 411	540	220	856	780	2 324	1 095
MAIDS AND HOUSEMEN.	163 281	510 277	96 439	296 953	51 435	172 267	1 140	5 418	3 938	13 642	10 729	21 947
JANITORS AND CLEANERS.	1 631 534	498 623	1 202 548	328 189	330 116	140 154	14 881	4 687	21 758	7 852	62 231	17 741
ELEVATOR OPERATORS.	16 869	5 113	11 616	2 601	3 809	2 324	47	22	228	136	1 169	136
PEST CONTROL OCCUPATIONS.	35 415	2 173	30 246	1 795	3 551	249	220	29	521	72	877	28
PERSONAL SERVICE OCCUPATIONS.	403 304	1 395 432	370 942	1 148 060	56 812	178 581	3 475	11 674	9 171	22 353	1 904	34 794
SUPERVISORS, PERSONAL SERVICE OCCUPATIONS.	16 293	12 707	14 303	11 353	6 127	4 777	86	147	347	195	280	161
BARBERS, HAIRDRESSERS, AND COSMETOLOGISTS.	90 929	14 521	77 322	11 938	4 446	1 657	453	149	536	155	2 377	261
HAIRDRESSERS, AND COSMETOLOGISTS.	68 469	40 785	60 340	33 953	4 446	1 657	453	149	536	155	2 377	261
ATTENDANTS, AMUSEMENT AND RECREATION FACILITIES.	61 098	40 153	50 096	33 368	6 347	4 352	555	470	1 074	7 640	2 268	369
GUIDES.	11 318	17 712	14 143	13 437	1 347	1 741	135	135	1 137	1 995	1 779	624
USHERS.	15 280	54 691	14 143	43 712	1 347	1 741	135	135	1 137	1 995	1 779	624
PUBLIC TRANSPORTATION ATTENDANTS.	15 280	54 691	14 143	43 712	1 347	1 741	135	135	1 137	1 995	1 779	624
BAGGAGE PORTERS AND BELLHOPS.	19 080	1 510	11 486	47 819	3 363	4 688	102	159	708	1 417	521	544
WELFARE SERVICE AIDES.	7 075	53 730	4 233	31 303	1 794	396	84	17	859	687	763	54
CHILD CARE WORKERS, EXCEPT PRIVATE HOUSEHOLD.	41 872	270 794	28 130	452 893	6 839	87 291	314	697	234	687	510	2 514
PERSONAL SERVICE OCCUPATIONS, N.E.C..	50 312	132 860	36 254	100 961	10 317	24 647	403	901	1 374	2 776	3 096	1 741
FARMING, FORESTRY, AND FISHING OCCUPATIONS.	2 581 013	451 251	2 217 615	377 104	180 208	32 509	20 383	3 308	31 845	7 972	130 962	30 356
FARM OPERATORS AND MANAGERS.	1 184 637	130 136	1 144 098	124 007	24 007	3 499	3 257	585	6 788	1 354	6 547	691
FARMERS, EXCEPT HORTICULTURAL.	1 032 759	111 944	1 007 439	108 560	14 503	1 608	2 731	478	4 585	895	3 501	403
FULL-TIME SPECIALTY FARMERS.	127 216	13 363	115 685	11 202	7 324	46	392	85	1 522	102	191	19
MANAGERS, EXCEPT HORTICULTURAL.	13 073	217 897	584 533	165 994	79 112	21 240	7 608	14	1 166	4 754	95 641	24 346
FARM OCCUPATIONS, EXCEPT MANAGERIAL.	758 060	9 051	758 060	9 051	758 060	9 051	758 060	9 051	758 060	9 051	758 060	9 051
SUPERVISORS, FARM WORKERS.	694 868	192 732	514 517	145 408	75 332	16 319	7 037	1 317	9 389	3 183	87 906	22 430
FARM WORKERS.	694 868	192 732	514 517	145 408	75 332	16 319	7 037	1 317	9 389	3 183	87 906	22 430
MARINE LIFE CULTIVATION WORKERS.	18 012	15 724	13 523	13 256	919	868	57	106	584	550	2 983	916

24 Table 2. Detailed Occupation of the Civilian Labor Force by Sex and Total Race: 1980 - Con.

(DATA BASED ON SAMPLE, SEE TEXT. FOR DEFINITIONS OF TERMS AND MEANING OF SYMBOLS, SEE TEXT.)

	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO, AND ALUT		ASIAN AND PACIFIC ISLANDER		PACIFIC ISLANDER	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
CIVILIAN LABOR FORCE, 16 YEARS AND OVER-- CON.												
FARMING, FORESTRY, AND FISHING OCCUPATIONS--CON.												
RELATED AGRICULTURAL OCCUPATIONS,	436 316	90 765	338 610	77 107	54 001	6 169	4 403	704	12 706	1 705	26 596	5 080
SUPERVISORS, RELATED AGRICULTURAL OCCUPATIONS, . . .	19 335	1 617	17 549	1 333	928	215	166	6	167	16	525	47
GROUNDKEEPERS AND GARDENERS, EXCEPT FARM, . . .	39 258	30 357	292 867	24 010	49 153	3 890	3 973	401	12 112	851	24 153	1 205
ANIMAL CARETAKERS, EXCEPT FARM,	29 300	42 172	24 644	40 397	3 384	871	160	190	243	334	869	380
GRABBERS AND SORTERS, AGRICULTURAL PRODUCTS, . . .	4 476	16 423	2 776	11 208	436	1 173	95	177	151	497	1 020	3 438
INSPECTORS, AGRICULTURAL PRODUCTS,	947	196	77	159	100	20	9	-	33	7	29	10
FORESTRY AND LOGGING OCCUPATIONS,	142 054	8 381	117 211	6 635	19 849	1 190	3 265	311	314	77	1 415	168
SUPERVISORS, FORESTRY AND LOGGING WORKERS, . . .	6 385	277	476	8	476	8	181	4	22	-	84	-
FORESTRY WORKERS, EXCEPT LOGGING,	22 837	5 216	19 121	4 152	2 167	648	751	121	121	52	677	148
TIMBER CUTTING AND LOGGING OCCUPATIONS,	110 832	2 888	90 468	2 218	17 206	534	2 333	91	171	25	654	20
FISHERIES, HUNTERS, AND TRAPPERS,	59 946	4 072	53 163	3 361	3 239	411	1 850	165	931	82	763	53
CAPTAINS AND OTHER OFFICERS, FISHING VESSELS, . .	6 875	259	6 336	221	104	123	121	2	34	13	120	-
FISHERS,	51 137	3 563	45 017	2 937	3 005	356	1 631	151	837	69	627	40
HUNTERS AND TRAPPERS,	1 934	250	1 810	203	40	22	68	12	-	-	16	13
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS,	12 498 566	1 055 961	11 206 042	861 355	810 170	121 393	79 756	8 117	119 224	29 548	283 374	35 548
MECHANICS AND REPAIRERS,	3 847 955	134 560	3 462 223	110 794	243 168	17 849	21 083	930	41 892	2 008	79 589	2 979
SUPERVISORS, MECHANICS AND REPAIRERS,	157 181	4 749	148 457	4 155	5 129	384	40	40	1 257	101	1 651	69
MECHANICS AND REPAIRERS, EXCEPT SUPERVISORS, . .	3 690 774	129 811	3 313 766	106 639	238 039	17 465	20 396	890	40 635	1 907	77 938	2 910
VEHICLE AND MOTOR EQUIPMENT MECHS. & REPAIRERS	1 658 236	129 811	1 478 370	17 798	108 596	3 037	10 118	177	19 969	342	41 183	439
AUTOMOBILE MECHANICS, EXC. APPRENTICES,	948 358	12 025	839 605	9 837	66 729	1 704	5 583	69	12 240	182	24 201	233
AUTOMOBILE MECHANIC APPRENTICES,	4 031	99	3 421	93	407	6	39	-	70	-	94	-
BUS, TRUCK, AND STATIONARY ENGINE MECHANICS, . .	152 862	1 128	136 795	959	10 889	118	908	11	1 254	11	3 016	29
AIRCRAFT ENGINE MECHANICS,	94 915	2 407	84 203	1 811	5 820	452	712	37	2 202	38	1 978	69
SMALL ENGINE REPAIRERS,	35 713	631	33 649	572	1 142	41	211	-	410	5	301	13
AUTOMOBILE BODY AND RELATED REPAIRERS,	205 450	2 372	182 165	1 944	12 725	298	1 196	15	2 142	83	7 222	32
AIRCRAFT MECHANICS, EXC. ENGINE,	14 209	1 333	12 577	1 081	883	186	74	35	239	13	436	18
HEAVY EQUIPMENT MECHANICS,	157 266	1 322	143 430	1 088	8 719	204	1 132	5	1 135	6	2 850	19
FARM EQUIPMENT MECHANICS,	45 432	476	42 525	413	1 282	28	263	5	277	4	1 085	26
INDUSTRIAL MACHINERY REPAIRERS,	472 288	14 895	427 310	12 308	31 430	2 084	2 413	119	3 290	73	7 845	311
MACHINERY MAINTENANCE OCCUPATIONS,	45 307	1 805	38 796	1 519	4 805	207	413	17	355	18	938	44
ELECTRICAL AND ELECTRONIC EQUIPMENT REPAIRERS, .	596 461	50 669	542 620	41 623	33 495	6 680	2 537	299	8 031	905	9 778	1 162
ELECTRONIC REPAIRERS, COMMUNICATIONS, AND												
INDUSTRIAL EQUIPMENT,	156 944	8 377	142 088	6 992	8 519	987	825	47	2 933	186	2 439	165
DAILY PROCESSING EQUIPMENT REPAIRERS,	43 329	3 932	39 388	3 367	3 425	399	278	5	790	37	1 309	94
HOUSEHOLD APPLIANCE AND HOME REPAIRERS,	59 591	3 483	54 315	2 330	3 425	234	278	10	980	37	1 309	94
TELEPHONE INSTALLERS AND REPAIRERS,	29 619	3 243	26 106	2 781	3 493	351	513	22	411	33	1 040	58
MISCELLANEOUS ELECTRICAL AND ELECTRONIC			206 131	23 855	13 836	4 416	856	196	2 471	448	3 666	704
EQUIPMENT REPAIRERS,	29 574	3 015	26 652	2 498	1 788	293	126	19	458	110	550	95
HEATING, AIR CONDITIONING, & REFRIG. MECHS., . .	150 170	1 525	137 931	1 195	7 271	262	672	26	1 390	115	2 906	37
MISCELLANEOUS MECHANICS AND REPAIRERS,	768 312	39 124	688 739	32 196	52 442	5 195	4 243	252	7 600	564	15 288	917
CAMERA, WATCH, & MUSICAL INSTR. REPAIRERS, . .	35 745	4 821	32 832	3 811	1 303	662	66	39	803	171	741	138
LOCKSMITHS AND SAFE REPAIRERS,	17 981	1 346	16 446	1 196	1 823	105	61	-	253	27	398	18
OFFICE MACHINE REPAIRERS,	36 950	2 046	33 104	1 791	2 194	191	239	21	669	41	744	51
MECHANICAL CONTROLS AND VALVE REPAIRERS,	27 240	1 082	23 584	884	2 549	149	212	3	142	7	753	39
ELEVATOR INSTALLERS AND REPAIRERS,	20 377	395	18 892	271	929	124	60	-	248	-	248	-
MILLWRIGHTS,	189 660	4 416	121 106	18 892	6 255	124	668	24	359	69	1 272	180
SPECIFIED MECHANICS AND REPAIRERS, N.E.C., . . .	293 591	16 108	262 685	13 338	20 729	2 199	1 571	113	2 925	137	5 681	321
NOT SPECIFIED MECHANICS AND REPAIRERS,	206 768	8 910	180 090	7 468	17 660	1 108	1 366	52	2 201	112	5 451	170

Table 2. Detailed Occupation of the Civilian Labor Force by Sex and Total Race: 1980—Con.

	(DATA BASED ON SAMPLE, SEE TEXT. FOR DEFINITIONS OF TERMS AND MEANING OF SYMBOLS, SEE TEXT.)									
	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO, AND ALEUT		ASIAN AND PACIFIC ISLANDER	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
UNITED STATES										
CIVILIAN LABOR FORCE, 16 YEARS AND OVER-- CON.										
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS--CON.										
CONSTRUCTION TRADES	4 712 023	102 094	4 220 780	84 730	310 983	12 546	38 070	1 392	33 214	1 194
SUPERVISORS, CONSTRUCTION OCCUPATIONS	4 777 658	13 204	4 220 780	11 590	30 710	1 187	4 303	118	4 708	147
SUPERVISORS, BRICKMASONRY, STONEMASONS, AND TITLE SETTERS	5 005	43	4 565	43	259	24	22	-	32	-
SUPERVISORS, CARPENTERS AND RELATED WORKERS	35 553	252	33 761	209	799	24	172	-	276	-
SUPERVISORS, ELECTRICIANS AND POWER TRANSMISSION INSTALLERS	36 547	459	35 166	406	648	32	121	-	309	8
SUPERVISORS, PAINTERS, PAPERHANGERS, AND PLASTERERS	10 655	161	9 736	131	407	30	85	-	102	-
SUPERVISORS, PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	17 391	94	16 654	94	302	-	69	-	133	-
SUPERVISORS, N.E.C.	672 477	12 195	626 919	10 707	28 295	1 101	3 834	118	3 856	139
CONSTRUCTION TRADES, EXCEPT SUPERVISORS	3 934 395	88 890	3 493 979	73 140	280 273	11 359	33 767	1 274	28 506	1 051
BRICKMASONRY AND STONEMASONRY, EXCEPT APPRENTICES	202 971	2 274	164 995	1 688	30 063	492	1 523	29	1 421	10
BRICKMASONRY AND STONEMASONRY, APPRENTICES	3 135	142	2 804	111	457	16	18	-	20	7
TITLE SETTERS, HARD AND SOFT	31 897	641	28 044	522	2 664	77	163	-	264	-
CARPENTERS, EXCEPT APPRENTICES	86 334	1 493	77 813	1 288	4 573	120	633	17	467	41
CARPENTER, APPRENTICES	1 275 666	20 225	1 162 819	16 647	64 007	2 546	12 005	297	9 075	253
DRAYAGE INSTALLERS	95 281	596	85 823	8 091	3 861	193	1 178	9	97	12
ELECTRICIANS, EXCEPT APPRENTICES	598 710	12 170	519 691	9 763	28 444	1 712	3 460	26	5 524	15
ELECTRICIANS, APPRENTICES	17 833	1 028	16 091	871	1 013	110	182	171	1 059	207
ELECTRICIAN POWER INSTALLERS AND REPAIRERS	103 042	1 801	98 134	1 426	6 536	278	665	26	373	14
PAINTERS, CONSTRUCTION AND MAINTENANCE	398 079	24 391	336 027	20 406	38 767	2 715	3 158	247	3 863	247
PAPERHANGERS	14 106	133	13 215	3 024	576	36	54	27	75	19
PLASTERERS	28 360	540	21 801	367	4 531	140	266	8	227	9
PLUMBERS, PIPEFITTERS, & STEAMFITTERS, EXCEPT APPRENTICES	483 423	6 221	435 297	4 983	32 175	966	3 303	81	2 875	65
PLUMBER, PIPEFITTER, & STEAMFITTER APPRENTICES	12 000	11	11 016	330	571	17	113	7	110	6
CONCRETE AND TERRAZZO FINISHERS	74 498	856	51 288	471	17 062	314	836	17	395	5
GLAZIERS	32 024	1 516	29 436	1 320	1 242	158	186	6	329	32
INSULATION WORKERS, EXCEPT TAMPING EQUIPMENT OPERATORS	54 678	2 386	48 381	1 919	3 930	375	425	30	330	18
ROOFERS	7 325	235	5 692	210	1 251	19	78	6	20	-
SHEETMETAL DUCT INSTALLERS	126 025	1 383	104 594	1 003	14 042	282	1 582	49	751	22
STRUCTURAL METAL WORKERS	28 602	420	26 916	373	4 740	28	149	6	264	13
DRILLERS, EARTH	88 164	1 067	80 230	834	4 498	171	1 313	25	520	37
CONSTRUCTION TRADES, N.E.C.	23 503	507	21 639	453	1 216	54	202	-	65	-
CONSTRUCTION TRADES, N.E.C.	143 478	3 278	118 390	2 682	17 762	441	1 957	80	774	49
EXTRACTIVE OCCUPATIONS	306 405	7 182	283 809	6 040	11 829	834	3 440	171	506	23
SUPERVISORS, EXTRACTIVE OCCUPATIONS	80 870	1 795	77 917	1 616	1 384	86	556	11	119	14
DRILLERS, OIL WELL	73 328	936	67 453	811	2 588	95	1 025	11	151	19
EXPLOSIVES WORKERS	10 661	141	9 147	270	3 975	35	129	16	43	-
MINING MACHINE OPERATORS	50 483	2 751	43 266	2 260	3 865	355	1 184	98	110	9
MINING OCCUPATIONS, N.E.C.	51 083	1 399	46 026	1 083	3 069	243	546	35	83	-
PRECISION PRODUCTION OCCUPATIONS	3 632 183	812 125	3 239 230	659 791	244 190	90 164	17 163	5 624	43 612	26 319
SUPERVISORS, PRODUCTION OCCUPATIONS	1 605 490	282 570	1 455 585	240 259	100 948	27 836	6 364	1 564	13 333	4 477
PRECISION METAL WORKING OCCUPATIONS	66 029	66 029	66 029	66 029	66 029	66 029	66 029	66 029	66 029	66 029
TOOL AND DIE MAKERS, EXCEPT APPRENTICES	182 823	3 187	173 989	2 651	5 661	379	391	36	917	48
TOOL AND DIE MAKERS, APPRENTICES	17 563	317	17 101	257	319	6	45	-	90	-
MACHINISTS, EXCEPT APPRENTICES	17 724	5 937	14 784	4 458	1 783	984	148	50	254	89
MACHINIST APPRENTICES	500 294	25 860	444 837	19 275	33 388	4 932	2 516	186	6 778	439
BOILERMAKERS	36 622	587	33 277	402	2 184	156	397	-	70	-
PRECISION GRINDERS, FITTERS, & TOOL SHARPENERS	18 607	1 162	17 550	1 010	597	99	151	17	264	-
PATTERNMAKERS AND MODEL MAKERS, METAL	18 409	2 010	17 479	1 675	612	62	86	5	83	40
LAY-OUT WORKERS	20 522	2 381	16 975	1 930	2 725	389	114	11	89	133
PRECIOUS STONES AND METALS WORKERS (JEWELERS)	25 603	12 369	21 806	10 167	934	715	560	396	390	19
ENGRAVERS, METAL	9 503	8 721	8 721	8 721	8 721	8 721	8 721	8 721	8 721	8 721
SHEET METAL WORKERS, EXCEPT APPRENTICES	126 162	5 191	115 065	4 235	5 977	403	29	8	207	37
SHEET METAL WORKER APPRENTICES	604	133	549	95	36	64	927	31	1 215	70
MISCELLANEOUS PRECISION METAL WORKERS	1 787	607	1 547	511	168	52	4	1	7	12

26 Table 2. Detailed Occupation of the Civilian Labor Force by Sex and Total Race: 1980—Con.

(DATA BASED ON SAMPLE, SEE TEXT. FOR DEFINITIONS OF TERMS AND MEANING OF SYMBOLS, SEE TEXT.)

UNITED STATES	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO, AND ALEUT		ASIAN AND PACIFIC ISLANDER		RACE, N.E.C.	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
CIVILIAN LABOR FORCE, 16 YEARS AND OVER— CON.												
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS—CON.												
PRECISION PRODUCTION OCCUPATIONS—CON.												
PATTERNMAKING OCCUPATIONS	101 661	16 770	91 138	13 586	6 157	2 551	390	134	950	148	3 026	351
PATTERNMAKERS AND MODEL MAKERS, WOOD	4 462	128	4 324	119	57	3	8	—	36	—	37	6
CABINET MAKERS AND BENCH CARPENTERS	70 926	5 910	64 734	5 042	3 249	566	286	57	626	41	2 031	204
FURNITURE AND WOOD FINISHERS	22 423	9 535	18 627	7 397	2 595	1 889	77	77	265	53	859	118
MISCELLANEOUS PRECISION WOODWORKERS	3 850	1 197	3 453	1 028	256	93	19	—	23	—	99	23
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	125 971	153 695	101 913	121 992	12 093	16 266	682	1 097	2 495	8 225	8 591	6 115
DRESSMAKERS	6 805	97 154	4 856	75 392	1 093	10 585	53	795	241	6 310	562	4 072
TAILORS	37 557	24 458	29 217	19 165	4 158	2 766	119	115	1 144	1 304	2 929	1 108
UPHOLSTERERS	54 485	14 440	45 300	12 765	4 488	1 266	368	78	1 081	223	3 752	1 088
SHOE REPAIRERS	21 903	9 691	17 923	8 496	2 260	99	52	465	465	110	1 156	388
APPAREL AND FABRIC PATTERNMAKERS	2 000	2 197	1 831	1 874	49	105	—	—	51	139	69	79
MISC. PRECISION APPAREL AND FABRIC WORKERS	3 241	5 755	2 786	4 300	242	899	45	57	47	254	123	245
PRECISION WORKERS, ASSORTED MATERIALS	174 611	152 731	146 981	120 363	14 595	14 204	836	1 251	5 634	9 239	6 565	7 674
HAND MOLERS AND SHAPERS, EXCEPT JEWELERS	31 619	3 444	24 681	4 405	5 557	716	202	64	190	75	1 589	184
PATTERNMAKERS LAYOUT WORKERS, AND CUTTERS	27 182	12 008	25 612	11 529	1 325	1 332	133	33	35	98	147	84
OPTICAL GOODS WORKERS	33 861	15 741	28 282	17 113	1 126	854	130	35	179	428	149	413
DENTAL LAB. & MEDICAL APPLIANCE TECHNICIANS	13 154	17 640	11 306	18 895	1 848	988	130	100	1 770	572	384	366
BOOKBINDERS	27 256	85 282	11 306	42 263	2 728	1 935	132	100	217	753	457	578
ELECTRICAL AND ELECTRONIC EQUIPMENT ASSEMBLERS	34 463	7 382	30 112	6 103	2 398	874	171	55	440	101	1 500	249
MISCELLANEOUS PRECISION WORKERS, N.E.C.											1 299	
PRECISION FOOD PRODUCTION OCCUPATIONS	337 587	100 933	283 724	79 423	31 603	14 878	1 603	368	5 874	2 413	14 783	3 603
BUTCHERS AND MEAT CUTTERS	251 489	42 957	213 935	30 118	21 581	9 386	1 231	158	4 274	1 158	10 468	1 927
BAKERS	69 321	47 649	56 031	41 480	8 288	4 084	271	193	1 361	891	3 370	1 001
FOOD BATCHMAKERS	16 777	10 327	13 758	7 825	1 734	1 011	555	364	1 239	364	945	675
PRECISION INSPECTORS, TESTERS, & RELATED WORKERS	75 107	29 956	67 372	23 887	4 736	4 013	288	145	1 420	696	1 291	1 115
INSPECTORS, TESTERS, & GRADERS	74 030	27 359	66 380	22 182	4 677	3 419	288	130	1 414	667	1 271	961
ADJUSTERS AND CALIBRATORS	1 077	2 597	992	1 805	59	594	—	15	6	29	20	154
PLANT AND SYSTEM OPERATORS	237 759	9 441	211 465	7 913	14 657	1 282	1 619	72	2 917	56	3 101	118
WATER AND SEWAGE TREATMENT PLANT OPERATORS	32 233	1 062	28 537	918	2 749	118	246	6	271	208	430	16
POWER PLANT OPERATORS	26 393	1 357	24 214	1 123	1 612	201	219	5	208	5	140	16
STATIONARY ENGINEERS	129 221	4 169	115 219	3 570	9 680	742	742	32	2 085	35	1 495	57
MISCELLANEOUS PLANT AND SYSTEM OPERATORS	49 912	2 853	43 495	2 302	4 616	488	412	27	353	12	1 036	24
OPERATORS, FABRICATORS, AND LABORERS	14 501 489	5 486 486	11 739 963	4 221 793	2 009 338	880 767	103 205	36 946	138 184	120 840	511 799	226 140
MACHINE OPERATORS, ASSEMBLERS, & INSPECTORS	5 979 555	4 102 014	4 842 476	3 128 790	790 794	668 200	35 851	26 153	68 840	102 588	241 594	176 283
METALWORKING & PLASTIC WORKING MACH. OPERATORS	3 862 484	2 681 581	3 107 387	2 022 190	530 739	454 523	21 242	16 965	42 885	69 499	160 211	118 404
LATHING AND TURNING MACHINE SET-UP OPERATORS	648 729	144 609	557 665	119 685	62 263	19 249	3 112	741	5 107	1 249	20 582	3 685
LATHES AND TURNING MACHINE OPERATORS	52 354	3 578	47 139	3 056	3 506	387	210	14	298	21	1 201	100
PILLING AND PLANING MACHINE OPERATORS	109 024	10 574	100 983	9 202	9 359	382	50	50	1 050	101	2 159	171
ROLLING MACHINE OPERATORS	19 743	1 956	18 001	1 727	981	157	82	33	280	23	399	16
ROLLING MACHINE OPERATORS	120 535	56 791	100 586	47 485	14 125	7 334	709	206	839	299	4 276	1 467
ROLLING MACHINE OPERATORS	17 502	2 219	14 776	1 842	2 198	276	59	19	33	27	436	55
GRINDING, ABRADING, BUFFING, AND POLISHING MACHINE OPERATORS	52 734	14 272	47 696	12 121	3 310	1 560	259	83	422	162	1 077	326
FORGING MACHINE OPERATORS	230 924	48 923	189 082	39 143	28 348	7 455	1 276	301	2 127	540	10 091	1 484
NUMERICAL CONTROL MACHINE OPERATORS	14 768	1 123	12 642	868	1 598	212	65	8	105	2	401	13
MISCELLANEOUS METAL, PLASTIC, STONE, AND GLASS WORKING MACHINE OPERATORS	2 592	1 229	2 262	220	192	5	6	—	—	—	112	4
FABRICATING MACHINE OPERATORS, N.E.C.	28 553	4 964	24 541	4 021	3 424	793	94	27	64	74	430	49
METAL AND PLASTIC PROCESSING MACHINE OPERATORS	22 895	12 337	19 298	10 523	2 283	1 393	121	82	186	80	1 007	259
MOLDING AND CASTING MACHINE OPERATORS	178 174	64 504	144 362	53 033	23 449	9 146	377	377	1 531	537	7 842	1 411
METAL PLATING MACHINE OPERATORS	103 617	54 660	85 603	44 969	12 971	7 892	506	288	1 737	439	3 800	1 072
HEAT TREATING EQUIPMENT OPERATORS	37 188	6 709	37 188	5 660	235	684	235	16	479	54	2 614	251
MISCELLANEOUS METAL AND PLASTIC PROCESSING MACHINE OPERATORS	23 521	1 402	19 593	1 117	3 060	235	83	16	149	7	636	27
	13 878	1 733	9 759	1 287	3 015	335	146	13	166	37	792	61

Table 2. Detailed Occupation of the Civilian Labor Force by Sex and Total Race: 1980—Con.

(DATA BASED ON SAMPLE, SEE TEXT. FOR DEFINITIONS OF TERMS AND MEANING OF SYMBOLS, SEE TEXT.)

UNITED STATES	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO, AND ALEUT		ASIAN AND PACIFIC ISLANDER		RACE, N.E.C.	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
CIVILIAN LABOR FORCE, 16 YEARS AND OVER-- CON.												
OPERATORS, FABRICATORS, AND LABORERS--CON.												
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS--CON.												
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION- CON.												
WOODWORKING MACHINE OPERATORS	138 382	23 590	116 026	19 205	16 798	3 253	1 503	227	821	255	3 234	650
WOOD LATHE, ROUTING, & PLANING MACH. OPERATORS.	7 337	841	6 487	709	585	112	61	-	36	4	168	16
SAWING MACHINE OPERATORS	95 914	12 453	79 929	10 223	12 269	1 630	1 440	153	509	168	2 067	279
SHAPING AND JOINING MACHINE OPERATORS	5 705	3 677	4 646	2 973	819	512	21	36	35	58	184	98
MAILING AND TACKING MACHINE OPERATORS	3 109	1 635	2 553	1 313	312	234	23	-	13	-	208	88
MISCELLANEOUS WOODWORKING MACHINE OPERATORS	26 317	4 984	22 411	3 087	2 813	765	258	38	228	169	607	169
PRINTING MACHINE OPERATORS	323 023	119 376	286 367	105 985	23 334	9 325	1 359	511	3 939	1 481	8 024	2 074
PHOTOENGRAVERS AND LITHOGRAPHERS	249 019	50 482	217 947	42 559	19 897	5 800	1 044	240	3 129	644	7 002	1 239
PHOTOENGRAVING AND COMPOSITORS	20 958	5 059	17 947	4 573	1 712	1 192	172	19	245	92	251	63
TYPESETTERS AND COMPOSITORS	31 205	39 310	29 214	37 133	1 542	1 894	107	132	177	370	316	356
MISCELLANEOUS PRINTING MACHINE OPERATORS	21 841	24 525	19 548	21 720	1 542	1 894	107	132	177	370	316	356
MISCELLANEOUS TEXTILE MACHINE OPERATORS	72 216	121 657	46 405	80 454	13 288	31 032	406	1 127	2 025	2 919	3 264	6 125
MISCELLANEOUS TEXTILE MACHINE OPERATORS	78 988	121 657	57 457	80 454	13 288	31 032	406	1 127	2 025	2 919	3 264	6 125
MACHINE OPERATORS, ASSORTED MATERIALS	2 247 799	988 585	1 767 238	750 936	341 395	170 054	12 519	6 089	24 786	15 199	101 861	46 307
CEMENTING AND GLUING MACHINE OPERATORS	19 158	17 378	14 900	13 962	3 100	2 522	172	166	130	177	856	551
PACKAGING AND FILLING MACHINE OPERATORS	56 113	65 029	42 924	48 861	8 755	10 134	307	580	902	1 685	3 225	3 769
EXTRUDING AND FORMING MACHINE OPERATORS	21 559	3 537	18 957	2 898	1 798	464	104	56	132	50	568	69
MIXING AND BLENDING MACHINE OPERATORS	99 328	12 268	76 810	9 501	17 887	2 096	485	105	967	254	3 179	312
SEPARATING, FILTERING, AND CLARIFYING MACHINE OPERATORS	66 374	6 180	56 337	4 493	8 045	1 308	342	56	453	63	1 197	260
COMPRESSING & COMPACTING MACHINE OPERATORS	15 857	6 761	12 193	5 277	2 977	1 134	94	33	141	69	452	248
PAINTING AND PAINT SPRAYING MACH. OPERATORS	143 719	27 419	116 807	22 123	16 710	3 754	872	163	1 584	313	7 946	1 064
ROASTING & BAKING MACH. OPERATORS, FOOD	6 178	1 044	4 965	809	1 013	193	22	14	34	22	144	6
WASHING, CLEANING, & PICKLING MACHINE OPERATORS	6 992	2 293	5 521	1 631	1 119	481	38	17	76	54	228	110
FOLDING MACHINE OPERATORS	13 292	20 453	10 132	15 516	2 307	3 901	46	109	133	259	684	668
FURNACE, KILN, AND OVEN OPERATORS, EXCEPT FOOD	146 322	7 473	119 766	5 907	21 638	1 295	718	28	769	84	3 431	126
CRUSHING AND GRINDING MACHINE OPERATORS	48 112	4 466	38 013	3 084	7 813	1 004	351	28	305	85	1 630	265
SLICING AND CUTTING MACHINE OPERATORS	149 231	61 462	119 942	47 549	19 625	9 323	962	478	1 322	938	7 380	3 174
MOTION PICTURE PROJECTONISTS	13 119	1 326	12 010	1 190	713	71	66	4	177	28	153	33
PHOTOGRAPHIC PROCESS MACHINE OPERATORS	42 149	48 894	35 798	42 462	3 613	4 220	200	326	1 446	814	1 072	1 072
MISC. AND NOT SPECIFIED MACHINE OPERATORS	1 400 296	702 602	1 082 163	525 673	224 282	128 154	7 740	3 891	16 415	10 304	69 696	34 580
OCCUPATIONS:												
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	467 095	231 591	375 379	179 101	64 302	38 394	2 626	1 374	5 065	3 706	19 723	9 016
MACHINE OPERATORS, NOT SPECIFIED	933 201	471 011	706 784	346 572	159 980	89 760	5 114	2 517	11 350	6 598	49 973	25 564
INDUSTRY:												
MANUFACTURING	1 194 211	622 810	924 902	467 055	189 306	112 015	6 060	3 304	13 477	8 947	60 466	31 489
NONDURABLE GOODS	450 403	276 725	344 244	205 538	77 054	51 222	2 451	1 454	4 627	3 979	22 027	14 532
DURABLE GOODS	743 808	346 085	580 658	261 517	112 252	60 793	3 609	1 850	8 850	4 968	38 439	16 957
NONMANUFACTURING INDUSTRIES	206 085	79 792	157 261	58 618	34 976	16 139	1 680	1 587	2 938	1 357	9 230	3 091
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS:												
WELDERS AND CUTTERS	1 679 608	992 527	1 361 467	733 858	214 536	147 792	12 278	6 209	20 536	24 496	70 791	40 172
WELDERS AND CUTTERS	1 679 608	992 527	1 361 467	733 858	214 536	147 792	12 278	6 209	20 536	24 496	70 791	40 172
SOLDERERS AND BRAZERS	744 589	46 443	625 433	35 524	76 240	8 613	7 187	345	7 313	507	28 412	1 454
ASSEMBLERS AND BRAZERS	858 489	46 443	625 433	35 524	76 240	8 613	7 187	345	7 313	507	28 412	1 454
HAND CUTTING AND TRIMMING OCCUPATIONS	11 028	6 956	8 679	4 839	1 391	1 201	12 552	22 289	12 552	22 289	38 829	1 390
HAND HOLDING, CASTING, AND FORMING OCCUPATIONS	12 127	6 198	9 902	5 358	1 391	1 201	12 552	22 289	12 552	22 289	38 829	1 390
HAND PAINTING, COATING, & DECORATING OCCUPATIONS	29 670	11 245	25 039	9 396	2 970	1 298	460	137	945	308	945	376
HAND ENGRAVING AND PRINTING OCCUPATIONS	1 463	679	1 331	659	102	109	35	21	201	21	201	21
HAND GRINDING AND POLISHING OCCUPATIONS	12 027	831	10 595	598	1 391	1 201	12 552	22 289	12 552	22 289	38 829	1 390
MISCELLANEOUS HAND WORKING OCCUPATIONS	437 483	357 706	373 622	304 174	42 519	65 895	5 88	8	593	651	10 592	651
PRODUCTION INSPS., TESTERS, SAMPLERS, AND WEIGHTERS	373 622	372 742	373 622	372 742	45 519	65 895	2 331	2 979	5 419	8 593	10 592	17 707
PRODUCTION INSPECTORS, CHECKERS, AND EXAMINERS	348 469	300 863	304 432	304 432	35 003	52 821	1 608	2 188	3 935	5 868	7 060	9 870
PRODUCTION TESTERS	39 631	19 361	34 365	15 714	3 387	2 481	164	81	864	486	851	599
PRODUCTION SAMPLERS AND WEIGHTERS	5 548	4 013	4 610	3 109	653	251	184	156	131	104	183	104
GRADERS AND SORTERS, EXC. AGRICULTURAL	43 815	69 403	33 755	49 487	6 476	10 027	571	687	2 488	2 111	2 488	7 091

Table 2. Detailed Occupation of the Civilian Labor Force by Sex and Total Race: 1980—Cont.

(DATA BASED ON SAMPLE, SEE TEXT. FOR DEFINITIONS OF TERMS AND MEANING OF SYMBOLS, SEE TEXT.)

UNITED STATES	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO, AND ALEUT		ASIAN AND PACIFIC ISLANDER		RACE, N.E.C.	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
CIVILIAN LABOR FORCE, 16 YEARS AND OVER--CON.												
OPERATORS, FABRICATORS, AND LABORERS--CON.												
TRANS. AND MATERIAL MOVING OCCUPATIONS. . . .	4 445 158	375 154	3 706 991	314 326	572 095	48 979	31 558	3 247	28 052	2 253	106 462	6 359
MOTOR VEHICLE OPERATORS	2 980 161	299 354	2 468 007	254 017	404 106	37 629	19 079	2 660	20 145	1 532	68 824	3 536
SUPERVISORS, MOTOR VEHICLE OPERATORS. . . .	30 566	2 083	27 520	1 908	2 310	111	139	7	185	6	412	6
TRUCK DRIVERS, HEAVY.	1 852 443	44 082	1 556 128	36 407	236 985	6 235	12 860	598	7 492	192	38 978	650
TRUCK DRIVERS, LIGHT.	512 671	37 489	434 977	32 404	56 125	2 891	2 402	373	4 793	255	14 374	592
DRIVER-SALES WORKERS.	170 934	13 874	157 639	12 359	9 375	1 185	511	107	989	92	2 470	131
BUS DRIVERS	209 379	176 935	149 130	150 636	52 061	22 652	1 720	1 245	2 299	666	4 159	1 726
TAXICAB DRIVERS AND CHAUFFEURS.	166 990	121 603	117 214	160 801	38 601	3 974	3 327	338	3 401	73	6 555	93
PARKING LOT ATTENDANTS.	3 740	3 069	22 687	2 349	8 138	525	179	29	925	73	1 811	105
MOTOR TRANSPORTATION OCCUPATIONS, N.E.C.. .	3 438	209	2 712	153	511	56	49	-	61	-	105	-
TRANSPORTATION OCCUPATIONS, EXCEPT MOTOR VEHICLE. .	283 604	5 523	255 139	4 609	22 075	708	1 759	95	1 298	47	3 333	64
RAIL TRANSPORTATION OCCUPATIONS	209 072	3 488	187 996	2 907	17 483	475	893	31	338	24	2 362	31
RAILROAD CONDUCTORS AND YARDMASTERS	46 531	783	43 549	676	2 510	66	123	5	50	5	299	7
LOCOMOTIVE OPERATING OCCUPATIONS.	71 866	1 232	64 279	988	6 439	216	307	16	149	5	692	17
RAILROAD BRAKE, SIGNAL, AND SWITCH OPERATORS. .	81 736	1 183	72 370	1 024	9 777	124	597	8	103	10	1 254	17
WATER TRANSPORT OCCUPATIONS.	43 939	2 800	37 798	2 199	4 592	239	16	2	36	23	117	33
WATER TRANSPORT OPERATORS, N.E.C.. . . .	74 352	2 035	67 143	1 702	8 821	253	865	64	960	23	971	33
SHIP CAPTAINS AND MATEES, EXCEPT FISHING BOATS .	32 759	862	29 044	536	3 041	113	445	13	208	19	201	23
SAILORS AND DECKHANDS	32 480	1 113	29 122	720	3 204	113	355	43	681	4	684	10
MARINE ENGINEERS	4 152	435	3 316	387	324	42	32	6	67	-	95	-
BRIDGE, LOCK, AND LIGHTHOUSE TENDERS. . . .	1 181 393	70 277	983 845	55 700	145 914	10 642	10 720	492	6 609	684	34 305	2 759
MATERIAL MOVING EQUIPMENT OPERATORS	29 418	1 252	26 417	1 147	2 106	82	126	11	231	6	538	6
SUPERVISORS, MATERIAL MOVING EQUIPMENT OPERATORS.	235 587	3 239	211 761	2 519	14 702	479	3 290	94	1 269	56	4 555	91
LONGSHORE OPERATING OPERATORS	4 137	128	2 370	104	1 424	20	62	-	159	-	132	4
HOIST AND WINCH OPERATORS	31 166	723	27 780	645	4 93	46	685	13	104	15	1 113	4
CRANE AND TOWER OPERATORS	128 622	2 751	105 175	1 902	19 257	716	685	32	604	35	2 901	66
EXCAVATING AND LOADING MACHINE OPERATORS. . .	81 413	1 505	74 531	1 305	4 343	115	834	6	224	9	1 481	79
GRADER, DOZER, AND SCRAPER OPERATORS. . . .	79 567	1 013	72 661	1 758	4 874	198	813	32	173	9	1 026	16
INDUSTRIAL TRUCK AND TRACTOR EQUIPMENT OPERATORS.	415 004	20 408	318 321	16 382	73 733	3 144	3 312	150	2 664	165	16 974	567
MISC. MATERIAL MOVING EQUIPMENT OPERATORS . . .	176 479	39 258	144 809	30 938	23 799	5 842	1 105	154	1 181	358	5 585	1 926
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	4 076 776	1 009 308	3 190 496	778 677	645 449	163 588	35 796	7 546	41 292	15 999	163 743	43 498
SUPERVISORS, HANDLERS, EQUIPMENT CLEANERS, AND LABORERS, N.E.C.	8 642	1 578	7 327	1 212	1 145	331	37	9	64	13	69	13
HELPERS, MECHANICS AND REPAIRERS.	26 578	1 499	20 938	1 158	3 716	258	265	22	381	18	1 278	43
HELPERS, CONSTRUCTION AND EXTRACTIVE OCCUPATIONS.	152 101	6 819	126 152	5 398	16 876	973	1 670	149	928	62	6 475	237
HELPERS, CONSTRUCTION TRADES.	121 487	4 665	98 797	3 591	15 129	781	1 204	88	767	41	5 590	164
HELPERS, SURVEYOR	10 376	760	9 498	633	461	69	122	37	78	16	167	5
HELPS, EXTRACTIVE OCCUPATIONS	20 288	1 394	17 857	1 174	1 286	123	344	24	83	5	718	68
CONSTRUCTION LABORERS	833 937	27 286	635 005	20 079	145 413	5 521	9 568	539	4 898	208	39 053	839
PRODUCTION HELPERS.	98 971	22 012	77 310	16 432	14 629	4 114	771	120	1 384	552	4 877	794
FREIGHT, STOCK, AND MATERIAL HANDLERS	1 180 774	213 194	953 653	178 061	172 285	26 271	7 319	1 412	13 521	2 856	33 996	4 594
GRABAGE COLLECTORS.	74 302	2 75	44 718	1 210	25 719	964	622	28	402	27	2 881	46
STEVEDORES	21 664	318	12 806	151	7 536	130	135	-	332	-	854	32
STOCKPILE HANDLERS AND BAGGERS.	560 360	148 988	487 830	130 624	46 199	12 284	2 949	884	9 100	239	1 681	97
STOCKPILE HELPERS AND OPERATORS.	77 403	35 238	59 937	26 410	14 188	6 627	3 689	277	476	312	1 181	412
FRIGHT STOCK AND OPERATORS, N.E.C.	447 025	26 375	348 362	19 186	78 624	6 086	3 344	248	3 111	274	1 484	84
GARAGE AND SERVICE STATION RELATED OCCUPATIONS.	315 590	27 163	245 534	24 469	26 121	4 701	2 136	281	4 107	281	6 800	743
VEHICLE WASHERS AND EQUIPMENT CLEANERS. . . .	125 590	22 301	103 050	16 275	32 303	5 303	1 307	350	1 307	350	1 484	785
HAND PACKERS AND PACKAGERS.	206 834	415 923	150 659	320 586	36 208	61 748	1 244	2 256	3 210	7 374	1 484	2 961
LABORERS, EXCEPT CONSTRUCTION	1 128 789	271 569	851 801	195 007	203 743	57 811	11 833	2 567	11 460	4 305	49 962	11 833
MANUFACTURING	484 417	152 679	362 358	100 779	93 537	32 515	1 916	1 321	3 866	2 205	23 963	7 003
NON-DURABLE GOODS.	184 042	60 943	132 308	57 424	36 066	17 773	1 451	1 009	2 009	1 38	2 334	1 711
DURABLE GOODS	302 375	71 736	228 590	52 353	56 571	14 742	1 665	473	1 857	1 38	1 333	1 140
TRANS., COMMUNICATIONS, & OTHER PUB. UTILITIES.	155 580	12 013	111 897	6 297	33 454	3 027	2 319	107	1 122	154	6 862	47
WHOLESALE AND RETAIL TRADE	280 285	61 640	221 649	46 187	37 714	11 310	1 896	382	4 001	1 210	10 984	2 581
ALL OTHER INDUSTRIES.	206 507	45 237	151 857	30 744	39 036	10 959	4 272	957	2 471	736	4 871	1 841
UNEMPLOYED, NO CIVILIAN WORK EXPERIENCE SINCE 1975.	300 935	430 806	181 690	273 625	95 061	126 488	3 120	4 024	5 766	8 324	15 284	14 345

Table 3. Years of School Completed of the Civilian Labor Force by Age, Sex, Race, and Spanish Origin: 1980

(DATA BASED ON SAMPLE, SEE TEXT. FOR DEFINITIONS OF TERMS AND MEANING OF SYMBOLS, SEE TEXT.)

UNITED STATES	TOTAL		SPANISH ORIGIN ¹		NOT OF SPANISH ORIGIN				ASIAN AND PACIFIC ISLANDER		RACE, N.E.C.	
	MALE	FEMALE	MALE	FEMALE	WHITE		BLACK		MALE	FEMALE	MALE	FEMALE
					MALE	FEMALE	MALE	FEMALE				
LESS THAN 12 YEARS OF SCHOOL	59 926 488	44 523 329	3 593 058	2 399 665	49 800 137	35 877 061	5 254 596	5 182 629	908 824	787 596	58 011	41 783
12 YEARS OF SCHOOL	16 222 652	10 159 951	1 859 659	1 048 310	11 916 566	7 193 448	2 153 332	1 668 899	159 594	162 242	15 938	12 012
13 TO 15 YEARS OF SCHOOL	21 080 014	18 723 366	928 994	792 799	18 037 170	15 650 513	1 959 513	1 099 984	204 498	223 956	15 505	13 848
16 YEARS OF SCHOOL	10 858 576	8 858 090	513 530	363 642	9 221 157	7 236 068	860 565	57 288 48	183 566	169 200	12 460	9 170
17 OR MORE YEARS OF SCHOOL	5 803 363	3 928 845	157 442	93 737	5 421 115	3 387 277	244 072	132 108	144 207	122 234	8 743	3 546
TOTAL, 16 YEARS AND OVER	4 327 040	3 821 588	322 342	242 718	3 539 676	3 158 932	387 378	350 875	46 135	42 519	4 207	4 015
LESS THAN 12 YEARS OF SCHOOL	2 784 650	2 089 147	236 360	150 859	2 195 854	1 570 832	254 467	189 485	26 579	21 536	2 469	2 342
12 YEARS OF SCHOOL	1 355 867	1 496 139	73 604	75 985	1 152 641	1 220 447	108 467	130 889	14 216	14 543	1 351	1 414
13 TO 15 YEARS OF SCHOOL	225 867	135 190	12 358	15 635	190 768	126 211	16 257	30 089	5 322	6 316	351	259
16 YEARS OF SCHOOL	46 466	46 466	20	39	31	36	46	37	18	24	4	4
17 OR MORE YEARS OF SCHOOL	128	46	-	-	118	46	-	-	-	-	-	-
TOTAL, 20 TO 24 YEARS	8 263 921	7 159 960	638 991	449 918	6 637 539	5 709 709	823 439	849 409	101 583	101 317	9 951	8 195
LESS THAN 12 YEARS OF SCHOOL	1 592 999	1 302 530	278 488	180 170	1 049 035	507 112	233 367	144 144	12 847	10 677	2 079	1 430
12 YEARS OF SCHOOL	3 792 265	3 219 990	223 181	161 352	3 137 364	2 606 559	372 414	379 334	31 531	29 725	3 383	3 482
13 TO 15 YEARS OF SCHOOL	2 142 726	2 292 112	116 543	115 769	1 788 734	1 857 477	163 092	263 087	41 626	42 177	2 032	2 709
16 YEARS OF SCHOOL	584 405	712 315	14 579	17 483	529 337	626 108	28 188	53 132	10 510	13 548	774	765
17 OR MORE YEARS OF SCHOOL	151 526	133 004	6 200	5 114	133 069	112 453	6 375	9 712	5 069	5 190	383	259
TOTAL, 25 TO 29 YEARS	8 619 669	6 446 535	611 017	394 541	6 772 525	5 037 372	836 045	853 663	139 532	132 301	11 796	8 108
LESS THAN 12 YEARS OF SCHOOL	1 250 521	698 572	254 250	124 870	772 055	404 609	195 077	144 496	14 324	15 887	2 016	1 430
12 YEARS OF SCHOOL	3 195 756	2 531 940	181 183	141 559	2 614 839	1 976 187	346 841	365 841	28 872	29 254	3 058	3 367
13 TO 15 YEARS OF SCHOOL	2 094 412	1 521 880	117 453	82 732	1 728 612	1 250 395	195 791	212 610	12 226	10 431	3 431	2 281
16 YEARS OF SCHOOL	1 224 142	1 033 079	30 611	26 296	1 098 325	886 647	64 851	87 662	26 190	28 739	1 495	1 158
17 OR MORE YEARS OF SCHOOL	854 838	609 064	27 520	19 084	756 694	519 534	33 452	43 054	33 255	24 990	1 788	852
TOTAL, 30 TO 34 YEARS	8 035 553	5 647 299	513 625	330 945	6 592 183	4 397 140	717 892	741 476	155 870	136 815	9 894	6 135
LESS THAN 12 YEARS OF SCHOOL	1 160 683	796 784	221 532	123 670	772 055	404 609	195 077	144 496	13 756	19 472	1 851	1 200
12 YEARS OF SCHOOL	2 379 823	1 791 754	131 799	117 353	2 120 952	1 653 352	212 292	313 485	25 727	30 394	2 206	2 089
13 TO 15 YEARS OF SCHOOL	1 810 945	1 232 612	95 527	57 458	1 521 952	1 071 952	153 823	150 734	31 935	28 507	2 304	1 347
16 YEARS OF SCHOOL	629 294	629 294	33 918	15 369	579 029	579 029	153 823	150 734	22 137	29 596	1 414	671
17 OR MORE YEARS OF SCHOOL	1 234 483	629 294	33 918	15 369	1 097 873	531 659	45 363	49 104	52 235	29 176	2 119	738
TOTAL, 35 TO 39 YEARS	6 334 497	4 574 280	376 791	254 097	5 243 085	3 624 406	548 371	563 399	124 073	100 608	6 180	4 189
LESS THAN 12 YEARS OF SCHOOL	1 229 649	813 962	186 941	112 998	833 337	518 863	184 353	156 399	12 063	16 617	1 434	1 081
12 YEARS OF SCHOOL	2 237 539	2 038 954	91 343	83 800	1 907 230	1 687 215	204 670	230 497	20 086	28 860	1 434	1 301
13 TO 15 YEARS OF SCHOOL	1 159 738	874 367	55 662	36 405	982 462	706 834	93 326	107 061	19 795	17 381	1 124	906
16 YEARS OF SCHOOL	726 653	425 028	17 363	9 592	651 220	359 495	31 028	33 801	24 381	20 473	413	413
17 OR MORE YEARS OF SCHOOL	980 918	421 969	25 462	11 302	868 836	351 999	34 994	35 600	47 748	21 277	1 525	478
TOTAL, 40 TO 69 YEARS	23 501 469	16 344 048	1 105 504	714 850	20 071 119	13 509 203	1 880 603	1 771 340	331 660	269 446	16 010	10 858
LESS THAN 12 YEARS OF SCHOOL	7 795 680	4 776 175	664 035	396 390	5 959 854	3 430 207	1 047 515	841 994	73 903	75 190	5 884	4 258
12 YEARS OF SCHOOL	7 758 238	7 023 508	224 593	190 711	6 945 643	6 179 270	474 425	532 733	82 522	94 203	3 955	3 533
13 TO 15 YEARS OF SCHOOL	3 271 231	2 461 227	113 617	74 711	2 890 334	2 112 547	203 053	219 808	47 244	40 946	2 296	1 649
16 YEARS OF SCHOOL	2 173 016	1 052 391	40 220	24 571	2 011 787	914 853	64 832	79 857	50 145	29 943	1 355	524
17 OR MORE YEARS OF SCHOOL	503 304	1 032 747	62 939	28 467	2 263 501	872 326	96 948	96 948	57 720	2 948	2 520	894
TOTAL, 70 YEARS AND OVER	844 339	511 619	24 788	12 596	746 010	440 298	60 868	52 508	9 971	4 590	373	283
LESS THAN 12 YEARS OF SCHOOL	448 770	252 482	16 053	7 909	209 680	120 680	48 538	40 027	6 122	2 763	205	149
12 YEARS OF SCHOOL	189 687	152 461	10 591	6 753	149 637	120 334	3 250	6 328	1 344	1 977	86	64
13 TO 15 YEARS OF SCHOOL	107 687	63 121	5 780	3 102	88 375	48 375	3 250	3 250	1 733	1 977	13	13
16 YEARS OF SCHOOL	63 312	28 712	1 780	1 105	60 114	24 779	1 513	1 481	766	242	14	14
17 OR MORE YEARS OF SCHOOL	78 160	23 953	1 403	395	73 878	22 228	1 952	1 129	808	167	26	26

¹ PERSONS OF SPANISH ORIGIN MAY BE OF ANY RACE.

36 Table 4. Years of School Completed of the Civilian Labor Force by Age, Sex, and Total Race: 1980

(DATA BASED ON SAMPLE, SEE TEXT. FOR DEFINITIONS OF TERMS AND MEANING OF SYMBOLS, SEE TEXT 1)

	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO, AND ALEUT		ASIAN AND PACIFIC ISLANDER		RACE, N.E.C.	
UNITED STATES	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
LESS THAN 12 YEARS AND OVER.	59 926 488	44 523 329	51 884 626	37 307 269	5 330 792	5 251 444	333 571	250 908	947 280	825 596	1 430 219	887 912
12 YEARS OF SCHOOL.	16 222 652	10 159 951	12 911 874	7 771 259	2 190 803	1 698 293	127 689	81 413	168 430	170 231	823 856	438 755
13 TO 15 YEARS OF SCHOOL.	21 080 014	18 733 366	18 596 168	16 143 347	1 805 410	1 981 651	116 474	99 176	215 281	234 536	346 700	274 656
16 YEARS OF SCHOOL.	10 858 576	8 853 090	9 553 401	7 476 901	871 704	1 018 719	61 129	51 757	193 337	178 275	179 005	127 638
17 OR MORE YEARS OF SCHOOL.	5 921 883	3 928 845	5 514 833	3 450 474	246 567	315 042	13 863	10 349	148 145	127 914	38 165	25 066
TOTAL.	5 803 363	2 848 077	5 308 350	3 450 268	115 998	137 939	14 416	8 413	222 107	114 640	42 492	21 797
LESS THAN 12 YEARS.	4 327 040	3 821 588	3 723 280	3 299 319	393 790	356 351	29 623	24 531	49 033	45 693	131 314	95 694
12 YEARS OF SCHOOL.	2 764 650	2 049 147	2 326 551	1 755 339	249 180	196 809	20 725	15 077	28 239	23 190	150 035	43 372
13 TO 15 YEARS OF SCHOOL.	1 355 947	1 486 739	1 197 645	1 271 856	108 070	132 581	8 034	5 274	15 202	15 736	27 035	28 592
16 YEARS OF SCHOOL.	225 867	315 190	198 645	271 073	16 494	30 924	855	1 180	5 554	6 743	4 319	5 270
17 OR MORE YEARS OF SCHOOL.	128	46	118	46	46	37	6	-	-	24	20	-
TOTAL, 20 TO 24 YEARS.	8 263 921	7 159 960	6 972 907	5 957 291	835 619	860 510	57 692	44 761	107 197	107 088	290 506	196 310
LESS THAN 12 YEARS OF SCHOOL.	1 592 999	802 539	1 180 568	570 260	237 959	147 281	19 134	9 868	13 879	11 483	141 459	63 647
12 YEARS OF SCHOOL.	3 792 265	3 219 990	3 259 965	2 708 832	377 032	383 484	26 276	21 503	33 892	31 747	95 100	74 424
13 TO 15 YEARS OF SCHOOL.	2 142 726	2 292 112	1 856 557	1 925 094	185 589	266 269	10 742	11 685	43 492	44 454	46 346	44 613
16 YEARS OF SCHOOL.	584 405	712 315	538 831	637 534	28 506	53 656	1 059	1 358	10 743	14 047	5 266	5 720
17 OR MORE YEARS OF SCHOOL.	151 526	133 004	136 986	115 571	6 533	9 823	1 481	347	5 191	5 357	2 335	1 906
TOTAL, 25 TO 29 YEARS.	8 619 669	6 464 535	7 291 610	5 256 841	847 620	864 147	54 739	41 656	145 761	139 224	279 939	162 627
LESS THAN 12 YEARS OF SCHOOL.	1 250 521	698 572	893 364	467 608	199 207	147 419	14 092	8 167	15 273	16 889	128 585	58 489
12 YEARS OF SCHOOL.	3 195 756	2 531 940	2 711 880	2 056 606	350 632	369 717	22 355	17 858	30 769	31 170	80 120	56 589
13 TO 15 YEARS OF SCHOOL.	2 094 412	1 591 880	1 793 909	1 298 401	198 268	215 174	13 231	11 242	39 053	35 217	49 951	31 846
16 YEARS OF SCHOOL.	1 224 142	1 033 079	1 118 074	903 150	65 500	88 369	2 811	2 734	26 893	29 868	10 864	8 938
17 OR MORE YEARS OF SCHOOL.	854 838	609 064	774 383	531 076	34 013	43 488	2 250	1 655	33 773	26 080	10 419	6 765
TOTAL, 30 TO 34 YEARS.	8 035 553	5 647 299	6 880 960	4 589 364	728 309	751 094	49 304	37 410	162 205	153 625	214 775	125 806
LESS THAN 12 YEARS OF SCHOOL.	1 160 683	736 784	843 409	516 412	184 464	155 476	12 053	8 691	14 731	16 557	106 326	55 648
12 YEARS OF SCHOOL.	2 579 525	2 331 754	2 206 021	1 925 320	276 010	317 065	17 969	15 367	27 214	32 065	52 281	41 937
13 TO 15 YEARS OF SCHOOL.	1 870 915	1 232 612	1 620 551	1 021 873	167 960	172 246	13 020	9 207	33 782	30 169	35 602	19 017
16 YEARS OF SCHOOL.	1 159 947	676 855	1 090 094	583 029	54 151	56 153	3 116	2 836	53 083	50 647	9 503	4 210
17 OR MORE YEARS OF SCHOOL.	1 234 483	629 294	1 120 655	542 630	46 024	49 594	3 146	1 669	53 395	50 187	11 063	4 994
TOTAL, 35 TO 39 YEARS.	6 334 497	4 574 280	5 466 520	3 778 451	556 144	570 894	38 114	29 450	128 939	105 897	144 780	88 895
LESS THAN 12 YEARS OF SCHOOL.	1 229 649	813 962	1 362 031	779 891	188 021	159 539	13 450	8 400	17 738	17 407	84 270	48 895
12 YEARS OF SCHOOL.	2 237 539	2 038 956	1 964 093	1 731 774	206 858	232 339	13 320	11 338	21 303	26 091	32 015	26 312
13 TO 15 YEARS OF SCHOOL.	1 159 738	874 367	1 019 616	731 276	94 509	106 282	7 808	6 073	20 985	18 511	16 820	10 225
16 YEARS OF SCHOOL.	726 653	425 028	663 482	365 752	31 379	34 142	2 036	1 276	25 107	21 624	4 649	2 234
17 OR MORE YEARS OF SCHOOL.	980 918	421 969	887 279	359 698	35 377	35 692	2 494	1 376	48 746	22 267	7 022	2 636
TOTAL, 40 TO 69 YEARS.	23 501 469	16 344 048	20 785 939	13 977 101	1 907 687	1 795 396	101 671	71 993	343 572	279 329	362 600	220 229
LESS THAN 12 YEARS OF SCHOOL.	7 795 680	4 776 175	6 349 701	3 665 359	1 063 416	855 221	47 536	30 103	76 996	77 862	288 031	147 630
12 YEARS OF SCHOOL.	7 758 238	7 023 508	7 104 507	6 317 026	480 805	539 023	28 134	24 102	85 239	96 703	59 553	46 654
13 TO 15 YEARS OF SCHOOL.	3 271 231	2 461 227	2 874 826	2 167 274	205 631	222 661	15 329	11 993	49 646	42 728	25 799	16 571
16 YEARS OF SCHOOL.	2 173 016	1 052 391	2 043 231	933 699	65 767	80 598	4 752	2 717	51 523	31 456	7 743	3 921
17 OR MORE YEARS OF SCHOOL.	2 503 304	1 030 747	2 313 674	893 743	92 068	97 893	5 920	3 078	80 168	30 580	11 474	5 453
TOTAL, 70 YEARS AND OVER.	844 339	511 619	763 410	448 912	61 623	53 212	2 428	1 404	10 573	4 740	6 305	3 351
LESS THAN 12 YEARS OF SCHOOL.	448 470	262 772	386 141	215 740	48 856	40 548	1 693	494	1 917	1 024	5 246	2 721
12 YEARS OF SCHOOL.	160 704	130 481	152 077	121 633	6 003	6 842	386	234	1 642	1 024	596	448
13 TO 15 YEARS OF SCHOOL.	93 687	65 702	89 287	61 810	3 253	3 166	144	177	855	453	168	96
16 YEARS OF SCHOOL.	63 312	28 711	60 800	26 905	1 528	1 507	86	8	778	248	120	43
17 OR MORE YEARS OF SCHOOL.	78 166	23 953	75 055	22 524	1 963	1 149	119	68	834	169	175	43

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